

<b>SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEM</b> OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24, & 30				1. REQUISITION NUMBER 2111201COP029/CT2022		PAGE OF 1 84	
2. CONTRACT NO. HSTS01-09-D-OSO900		3. AWARD/EFFECTIVE DATE 02/01/2011		4. ORDER NUMBER HSTS01-11-J-OOP015		5. SOLICITATION NUMBER	
7. FOR SOLICITATION INFORMATION CALL:		a. NAME (b)(6)		b. TELEPHONE NUMBER (b)(6)		8. OFFER DUE DATE/LOCAL TIME	
9. ISSUED BY Office of Acquisition 701 S 12TH STREET ARLINGTON VA 20598				10. THIS ACQUISITION IS <input checked="" type="checkbox"/> UNRESTRICTED OR <input type="checkbox"/> SET ASIDE: % FOR: <input type="checkbox"/> SMALL BUSINESS <input type="checkbox"/> EMERGING SMALL BUSINESS <input type="checkbox"/> HUBZONE SMALL BUSINESS <input type="checkbox"/> SOLE SOURCE <input type="checkbox"/> SERVICE-DISABLED VETERAN-OWNED SMALL BUSINESS <input type="checkbox"/> 8(A) NAICS: _____ SIZE STANDARD: _____			
11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED <input type="checkbox"/> SEE SCHEDULE		12. DISCOUNT TERMS Net 30		13a. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700) <input type="checkbox"/>		13b. RATING	
15. DELIVER TO Multiple Destinations		CODE		18. ADMINISTERED BY Human Capital & Finance 701 S 12TH STREET ARLINGTON VA 20598		14. METHOD OF SOLICITATION <input type="checkbox"/> RFQ <input type="checkbox"/> IFB <input type="checkbox"/> RFP	
17a. CONTRACTOR/OFFEROR Lockheed Martin Services Incorporated Attn: (b)(6) 700 N Frederick Ave Gaithersburg MD 208793328		CODE 805258373 FACILITY CODE		18a. PAYMENT WILL BE MADE BY US Coast Guard Financial Center TSA Commercial Invoices P.O. Box 4111 Chesapeake VA 23327-4111		CODE TSA1	
TELEPHONE NO. (b)(6)							
17b. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER				18b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 18a UNLESS BLOCK BELOW IS CHECKED <input type="checkbox"/> SEE ADDENDUM			
19. ITEM NO.	20. SCHEDULE OF SUPPLIES/SERVICES			21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
00001	Tax ID Number: 52-1813509 DUNS Number: 805258373 Task Order 12  PRs used on this Task Order: Period of Performance: 02/01/2011 to 01/31/2012  CLIN 0001 - FFP - Task A -Global Requirements for All Tasks within the Statement of Work (SOW): Project Management Continued ... <i>(Use Reverse and/or Attach Additional Sheets as Necessary)</i>			1	JB	(b)(4)	
25. ACCOUNTING AND APPROPRIATION DATA See schedule						26. TOTAL AWARD AMOUNT (For Govt. Use Only) \$17,361,061.00	
<input type="checkbox"/> 27a. SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1, 52.212-4, FAR 52.212-3 AND 52.212-5 ARE ATTACHED. ADDENDUM <input type="checkbox"/> ARE <input type="checkbox"/> ARE NOT ATTACHED <input checked="" type="checkbox"/> 27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4. FAR 52.212-5 IS ATTACHED. ADDENDA <input checked="" type="checkbox"/> ARE <input type="checkbox"/> ARE NOT ATTACHED.							
<input checked="" type="checkbox"/> 28. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN 1 COPIES TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED HEREIN.				<input type="checkbox"/> 29. AWARD OF CONTRACT REF. _____ OFFER DATED _____ YOUR OFFER ON SOLICITATION (BLOCK 5), INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH HEREIN, IS ACCEPTED AS TO ITEMS:			
30a. SIGNATURE OF CONTRACTING OFFICER (b)(6)		Digitally signed by Burden, Roosevelt O:/=dc=com, dc=us, dc=do, dc=us, dc=acc01, ou=TS&G, ou=L-100, cn=Burden, Roosevelt, email=roosevelt.burden@hmc.com Date: 2011.01.31 09:29:13 -0500		31a. UNITED STATES OF AMERICA (SIGNATURE OF CONTRACTING OFFICER) 		31b. NAME OF CONTRACTING OFFICER (Type or print) Marvin Grubbs	
30b. NAME AND TITLE OF SIGNER (Type or print) (b)(6) Sr. Contracts Negotiator		30c. DATE SIGNED 1/31/2011		31c. DATE SIGNED 1/31/2011			

19. ITEM NO	20. SCHEDULE OF SUPPLIES/SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
	Quality Assurance GFE/GFI/GFP Management Security Requirements Tier 1 and 2 Help Desk and Field Support Tier 3 and 4 Help Desk Support Threat and Image Support SME Support  Accounting Info: 5AV112A000D2011SWE020TR1001250059005900TT-59070000 00000000-2521-TSA DIRECT-DEF. TASK-D Funded: (b)(4)				
00001SUB1	Additional funding for CLIN 0001 from different line of accounting.  Accounting Info: 5AV101A000D2011SWE030GE000423006200622CTO-62020000 00000000-251B-TSA DIRECT-DEF. TASK-D Funded: (b)(4)	1	JB	(b)(4)	
00001A	OPTIONAL - CLIN 0001A - FFP - Task A -Global Requirements for All Tasks within the Statement of Work (SOW): Project Management Quality Assurance GFE/GFI/GFP Management Security Requirements Tier 1 and 2 Help Desk and Field Support Continued ...	1	JB	(b)(4)	3.00

32a. QUANTITY IN COLUMN 21 HAS BEEN

☐ RECEIVED☐ INSPECTED☐ NOTED

ACCEPTED, AND CONFORMS TO THE CONTRACT, EXCEPT AS

32b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE

32c. DATE

32d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE

32e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE

32f. TELEPHONE NUMBER OF AUTHORIZED GOVERNMENT REPRESENTATIVE

32g. E-MAIL OF AUTHORIZED GOVERNMENT REPRESENTATIVE

33. SHIP NUMBER

34. VOUCHER NUMBER

35. AMOUNT VERIFIED  
CORRECT FOR

36. PAYMENT

37. CHECK NUMBER

☐ PARTIAL ☐ FINAL☐ COMPLETE ☐ PARTIAL ☐ FINAL

38. S/R ACCOUNT NUMBER

39. S/R VOUCHER NUMBER

40. PAID BY

41a. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT

42a. RECEIVED BY (Print)

41b. SIGNATURE AND TITLE OF CERTIFYING OFFICER

41c. DATE

42b. RECEIVED AT (Location)

42c. DATE REC'D (YY/MM/DD)

42d. TOTAL CONTAINERS

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NAME OF OFFEROR OR CONTRACTOR

Lockheed Martin Services Incorporated

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Tier 3 and 4 Help Desk Support Threat and Image Support SME Support Amount (b)(4) Option Line Item) 07/01/2011				
00002	CLIN 0002 - ODC Reimbursable - NTE Other Direct Costs (ODCs)  Accounting Info: 5AV112A000D2011SWE020TR1001250059005900TT-59070000 00000000-2521-TSA DIRECT-DEF. TASK-D Funded: \$1,362,542.55	1	JB	1,362,542.55	1,362,542.55
00002SUB1	Additional funding for CLIN 0002 from different line of accounting.  Accounting Info: 5AV101A000D2011SWE030GEC00423006200622CTO-62020000 00000000-251B-TSA DIRECT-DEF. TASK-D Funded: \$458,589.90	1	JB	458,589.90	458,589.90
00003	CLIN 0003 - ODC Reimbursable - NTE Travel  Accounting Info: 5AV112A000D2011SWE020TR1001250059005900TT-59070000 00000000-2521-TSA DIRECT-DEF. TASK-D Funded: \$57,976.44	1	JB	57,976.44	57,976.44
00003SUB1	Additional funding for CLIN 0003 from different line of accounting.  Accounting Info: 5AV101A000D2011SWE030GEC00423006200622CTO-62020000 00000000-251B-TSA DIRECT-DEF. TASK-D Funded: \$193,692.16	1	JB	193,692.16	193,692.16
00004	CLIN 0004 - ODC Reimbursable - Task A: Threat Mitigation Laboratory (TML) - Facility Maintenance  Accounting Info: 5AV112A000D2011SWE020TR1001250059005900TT-59070000 00000000-2521-TSA DIRECT-DEF. TASK-D Funded: \$517,277.63	1	JB	517,277.63	517,277.63
00004SUB1	Additional funding for CLIN 0004 from different Continued ...	1	JB	114,889.00	114,889.00

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Lockheed Martin Services Incorporated

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	line of accounting.  Accounting Info: 5AV101A000D2011SWE030GE000423006200622CTO-62020000 00000000-251B-TSA DIRECT-DEF. TASK-D Funded: \$114,889.00				
00004SUB	2 Additional funding for CLIN 0004 from different line of accounting.  Accounting Info: 5AV101A000D2011SWE030GE000423006200622CTO-62020000 00000000-251B-TSA DIRECT-DEF. TASK-D Funded: \$106,801.41	1	JB	106,801.41	106,801.41
00005	CLIN 0005 - T&M -Task A - Rapid Response  Accounting Info: 5AV112A000D2011SWE020TR1001250059005900TT-59070000 00000000-2521-TSA DIRECT-DEF. TASK-D Funded: \$70,818.00	1	JB	(b)(4)	
00005SUB	1 Additional funding for CLIN 0005 from different line of accounting.  Accounting Info: 5AV101A000D2011SWE030GE000423006200622CTO-62020000 00000000-251B-TSA DIRECT-DEF. TASK-D Funded: (b)(4)	1	JB	(b)(4)	
00005A	OPTIONAL - CLIN 0005A - T&M -Task A - Rapid Response Amount: (b)(4) (Option Line Item) 11/01/2011	1	JB	(b)(4)	0.00
00006	CLIN 0006 - FFP -Task B Threat Image Projection (TIP) Program: TIP Imaging Support TIP Library Management and Distribution TIP Data Analysis, Reporting, and Operational Support  Accounting Info: 5AV101A000D2011SWE030GE000423006200622CTO-62020000 00000000-251B-TSA DIRECT-DEF. TASK-D Funded: (b)(4)  Continued ...	1	JB	(b)(4)	



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Lockheed Martin Services Incorporated

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00006SUB1	Additional funding for CLIN 0006 from different line item.  Accounting Info: 5AV101A000D2011SWE030GE000423006200622CTO-62020000 00000000-251B-TSA DIRECT-DEF. TASK-D Funded: (b)(4)	1	JB	(b)(4)	
00006SUB2	Additional funding for CLIN 0006 from different line item.  Accounting Info: 5AV101A000D2011SWE030GE000423006200622CTO-62020000 00000000-251B-TSA DIRECT-DEF. TASK-D Funded: (b)(4)	1	JB	(b)(4)	
00006SUB3	Additional funding for CLIN 0006 from different line item.  Accounting Info: 5AV101A000D2011SWE030GE000423006200622CTO-62020000 00000000-251B-TSA DIRECT-DEF. TASK-D Funded: (b)(4)	1	JB	(b)(4)	
00006SUB4	Additional funding for CLIN 0006 from different line item.  Accounting Info: 5AV101A000D2011SWE030GE000423006200622CTO-62020000 00000000-251B-TSA DIRECT-DEF. TASK-D Funded: (b)(4)	1	JB	(b)(4)	
00007	OPTIONAL - CLIN 0007 - FFP -Task B - Threat Image Projection (TIP) Program: TIP Imaging Support Option A - 2500 images New AT2 System Amount: (b)(4) Option Line Item) 08/01/2011	1	JB	(b)(4)	0.00
00008	OPTIONAL - CLIN 0008 - FFP -Task B - Threat Image Projection (TIP) Program: TIP Imaging Support Option B - 6000 images L3 ACXMV Amount: (b)(4) Option Line Item) 08/01/2011	1	JB	(b)(4)	0.00
00009	CLIN 0009 T&M - Task B - Threat Image Projection (TIP) Program: Special Project Reports Continued ...	1	JB	(b)(4)	

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Lockheed Martin Services Incorporated

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Accounting Info: 5AV101A000D2011SWE030GE000423006200622CTO-62020000 00000000-251B-TSA DIRECT-DEF. TASK-D Funded: (b)(4)				
00010	CLIN 0010 - FFP - Task C - Image Development: TRX & AT Image Requirements, AIT Training Image Requirements Auto-EDS Training Image Requirements OQT Image Capture Auto-EDS Assessment Software/Hardware Requirements & OEM Simulator Auto-EDS Technical Support Requirements Auto-EDS 2012 Test Distribution Requirements  Accounting Info: 5AV112A000D2011SWE020TRI001250059005900CTT-59070000 00000000-2521-TSA DIRECT-DEF. TASK-D Funded: (b)(4)	1	JB	(b)(4)	
00011	CLIN 0011 - T&M - Task C - Image Development: Ad-hoc Image Development  Accounting Info: 5AV112A000D2011SWE020TRI001250059005900CTT-59070000 00000000-2521-TSA DIRECT-DEF. TASK-D Funded: (b)(4)	1	JB	(b)(4)	
00011A	OPTIONAL CLIN 0011A - T&M - Task C - Image Development: Ad-hoc Image Development Amount: (b)(4) Option Line Item 08/01/2011	1	JB	(b)(4)	0.00
00012	OPTIONAL - CLIN 0012 - FFP - Task C - Image Development: Option A - AIT Assessment Image Requirements Amount: (b)(4) Option Line Item 08/01/2011	1	JB	(b)(4)	0.00
00013	OPTIONAL - CLIN 0013 - FFP - Task C - Image Development: Option B - IIT/INT/IMA Image Capture Amount: (b)(4) Option Line Item 08/01/2011  Continued ...	1	JB	(b)(4)	0.00

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Lockheed Martin Services Incorporated

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00014	OPTIONAL - CLIN 0014 - FFP - Task C - Image Development: Option C - Auto-EDS Assessment Image Pilot Requirements Analogic COBRA Amount: (b)(4) Option Line Item) 08/01/2011	1	JB	(b)(4)	0.00
00015	OPTIONAL - CLIN 0015 - FFP - Task C - Image Development: Option D - Auto-EDS Assessment Image Requirements Amount: (b)(4) Option Line Item) 08/01/2011	1	JB	(b)(4)	0.00
00016	CLIN 0016 - FFP - Task D - Image Library: TRX Simulator Library Management AIT Simulator Library Management Auto-EDS Simulator Library Management  Accounting Info: 5AV112A000D2011SWE020TR1001250059005900TT-59070003 00000000-2521-TSA DIRECT-DEF. TASK-D Funded: (b)(4)	1	JB	(b)(4)	
00017	CLIN 0017 - FFP - Task E - Image Simulator Support: TRX Simulator Family Change Management Requirements Recommendations/Development Training Laptop Configuration Management Software Upgrades Software Testing Configuration Management/Emerging Technologies Support  Accounting Info: 5AV112A000D2011SWE020TR1003250059005900TT-59070005 05000000 2521 TSA DIRECT DEF. TASK-D Funded: (b)(4)	1	JB	(b)(4)	
00017A	OPTIONAL - CLIN 0017 - FFP - Task E - Image Simulator Support: TRX Simulator Family Change Management Requirements Recommendations/Development Training Laptop Configuration Management Software Upgrades Software Testing Continued ...	1	JB	(b)(4)	0.00

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Lockheed Martin Services Incorporated

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Configuration Management/Emerging Technologies Support Amount: (b)(4) Option Line Item) 08/01/2011				
00018	CLIN 0018 - T&M - Task E - Image Simulator Support: Configuration Management/Emerging Technologies Support  Accounting Info: 5AV112A000D2011SWE020TR100125005900590CTT-59070000 00000000-2521-TSA DIRECT-DEF. TASK-D Funded: (b)(4)	1	JB	(b)(4)	
00018A	OPTIONAL CLIN 0018 - T&M - Task E - Image Simulator Support: Configuration Management/Emerging Technologies Support Amount: (b)(4) Option Line Item) 08/01/2011	1	JB	(b)(4)	0.00
00019	CLIN 0019 - FFP - Task F - Threat Kit Program: Threat Kit Program Support FED Accessory Kit Program  Accounting Info: 5AV112A000D2011SWE020TR100325005900590OTT-59070005 05000000-2521-TSA DIRECT-DEF. TASK-D Funded: (b)(4)	1	JB	(b)(4)	
00019SUB1	Additional funding for CLIN 0019 from different line item.  Accounting Info: 5AV112A000D2011SWE020GE000025005900590PSE-59070005 05000000-2521-TSA DIRECT-DEF. TASK-D Funded: (b)(4)	1	JB	(b)(4)	
00019SUB2	Additional funding for CLIN 0019 from different line item.  Accounting Info: 5AV112A000D2011SWE020TR100125005900590OTT-59070000 00000000-2521-TSA DIRECT-DEF. TASK-D Funded: (b)(4)  Continued ...	1	JB	(b)(4)	

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Lockheed Martin Services Incorporated

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00020	OPTIONAL CLIN 0020 - FFP - Task F - Threat Kit Program: Option A - Upgrade TQC Amount: (b)(4) Option Line Item) 08/01/2011	1	JB	(b)(4)	0.00
00021	OPTIONAL CLIN 0021 - FFP - Task F - Threat Kit Program: Option B - Upgrade MBS2A with addition of one (b)(3)49 U.S.C. § 114(r) Amount: (b)(4) Option Line Item) 08/01/2011	1	JB	(b)(4)	0.00
00022	OPTIONAL CLIN 0022 - FFP - Task F - Threat Kit Program: Option C - Upgrade Weapons Kit with the addition of two (b)(4) Amount: \$73,595.72 (Option Line Item) 08/01/2011	1	JB	(b)(4)	0.00
(b)(3)49 U.S.C. § 114(r)	CLIN 0023 - FFP - Task F Threat Kit Program: Option D - WTMD Calibration Test Kits  Accounting Info: SAV112A000D2011SWE020TR1001250059005900TT-59070000 00000000-2521-TSA DIRECT-DEF. TASK-D Funded: (b)(4)	1	JB	(b)(4)	
00024	OPTIONAL CLIN 0024 - FFP - Task F - Threat Kit Program: Option E - Replacement Duffle Bags for PSE Kits Amount: (b)(4) Option Line Item) 08/01/2011	1	JB	(b)(4)	0.00
00025	CLIN 0025 - T&M - Task F - Threat Kit Program: Threat Prototyping  Accounting Info: SAV112A000D2011SWE020TR1001250059005900TT-59070000 00000000-2521-TSA DIRECT-DEF. TASK-D Funded: (b)(4)	1	JB	(b)(4)	
00025A	OPTIONAL - CLIN 0025 - T&M - Task F - Threat Kit Program: Threat Prototyping Amount: (b)(4) Option Line Item) 08/01/2011 Continued ...	1	JB	(b)(4)	0.00

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NAME OF OFFEROR OR CONTRACTOR

Lockheed Martin Services Incorporated

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
The total amount of award: \$28,006,238.79. The obligation for this award is shown in box 26.					

**SECTION B – SCHEDULE****B.1 Contract Line Items, Descriptions.**

**Period of Performance:** February 1, 2011 – January 31, 2012, unless otherwise stated within the specific CLIN.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	FFP - Task A – Global Requirements for All Tasks within the Statement of Work (SOW): Project Management Quality Assurance GFE/GFI/GFP Management Security Requirements Tier 1 and 2 Help Desk and Field Support Tier 3 and 4 Help Desk Support Threat and Image Support SME Support POP: February 1, 2011 – June 30, 2011	1	Job	(b)(4)	
0001A	OPTIONAL - Task A – Global Requirements for All Tasks within the Statement of Work (SOW): Project Management Quality Assurance GFE/GFI/GFP Management Security Requirements Tier 1 and 2 Help Desk and Field Support Tier 3 and 4 Help Desk Support Threat and Image Support SME Support POP: July 1, 2011 – January 31, 2012			(b)(4)	
0002	ODC Reimbursable – NTE Other Direct Costs (ODCs)	1	Lot	\$1,821,132.46	NTE \$1,821,132.46
0003	ODC Reimbursable – NTE Travel	1	Lot	\$251,668.60	NTE \$251,668.60
0004	ODC Reimbursable - Task A: Threat Mitigation Laboratory (TML) – Facility Maintenance	1	Lot	\$738,968.04	NTE \$738,968.04

0005	T&M –Task A - Rapid Response	1	Lot	(b)(4)
0005A	OPTIONAL - T&M –Task A - Rapid Response			(b)(4)
0006	FFP –Task B - Threat Image Projection (TIP) Program: <ul style="list-style-type: none"> <li>• TIP Imaging Support</li> <li>• TIP Library Management and Distribution</li> <li>• TIP Data Analysis, Reporting, and Operational Support</li> </ul>	1	Job	(b)(4)
0007	OPTIONAL CLIN - FFP – Task B - Threat Image Projection (TIP) Program: . TIP Imaging Support Option A – 2500 images New AT2 System	1	Job	(b)(4)
0008	OPTIONAL CLIN - FFP – Task B - Threat Image Projection (TIP) Program: . TIP Imaging Support Option B – 6000 images L3 ACXMV	1	Job	(b)(4)
0009	T&M – Task B - Threat Image Projection (TIP) Program: Special Project Reports	1	Lot	(b)(4)
0010	FFP - Task C – Image Development: <ul style="list-style-type: none"> <li>• TRX &amp; AT Image Requirements,</li> <li>• AIT Training Image Requirements</li> <li>• Auto-EDS Training Image Requirements</li> <li>• OQT Image Capture</li> <li>• Auto-EDS Assessment Software/Hardware Requirements – OEM Simulator</li> <li>• Auto-EDS Technical Support Requirements</li> <li>• Auto-EDS 2012 Test Distribution Requirements</li> </ul>	1	Job	(b)(4)
0011	T&M – Task C – Image Development: Ad-hoc Image Development	1	Lot	(b)(4)



0011A	OPTIONAL - T&M – Task C – Image Development: Ad-hoc Image Development	1	Lot	(b)(4)
0012	OPTIONAL CLIN – FFP – Task C – Image Development: Option A - AIT Assessment Image Requirements	1	Job	(b)(4)
0013	OPTIONAL CLIN – FFP - Task C – Image Development: Option B - IIT/IMT/IMA Image Capture	1	Job	(b)(4)
0014	OPTIONAL CLIN – FFP - Task C – Image Development: Option C - Auto-EDS Assessment Image Pilot Requirements Analogic COBRA	1	Job	(b)(4)
0015	OPTIONAL CLIN – FFP - Task C – Image Development: Option D - Auto-EDS Assessment Image Requirements	1	Job	(b)(4)
0016	FFP – Task D – Image Library: <ul style="list-style-type: none"> <li>• TRX Simulator Library Management</li> <li>• AIT Simulator Library Management</li> <li>• Auto-EDS Simulator Library Management</li> </ul>	1	Job	(b)(4)
0017	FFP - Task E - Image Simulator Support: <ul style="list-style-type: none"> <li>• TRX Simulator Family</li> <li>• Change Management</li> <li>• Requirements Recommendations/Development Training Laptop Configuration Management</li> <li>• Software Upgrades</li> <li>• Software Testing</li> <li>• Configuration Management/Emerging Technologies Support</li> </ul> POP – February 1, 2011 – July 31, 2011	1	Job	(b)(4)

0017A	OPTIONAL - FFP - Task E - Image Simulator Support: • TRX Simulator Family • Change Management • Requirements Recommendations/Development Training Laptop Configuration Management • Software Upgrades • Software Testing Configuration Management/Emerging Technologies Support POP – August 1, 2011 – January 31, 2012	1	Job	(b)(4)
0018	T&M - Task E - Image Simulator Support: • Configuration Management/Emerging Technologies Support	1	Job	(b)(4)
0018A	OPTIONAL - T&M - Task E - Image Simulator Support: Configuration Management/Emerging Technologies Support	1	Job	(b)(4)
0019	FFP – Task F – Threat Kit Program: • Threat Kit Program Support • IED Accessory Kit Program	1	Job	(b)(4)
0020	OPTIONAL CLIN – FFP - Task F – Threat Kit Program: Option A - Upgrade TQC	1	Job	(b)(4)
0021	OPTIONAL CLIN – FFP - Task F – Threat Kit Program: Option B - Upgrade MBS2A with addition of one (b)(3):49 U.S.C. § 114(r)	1	Job	(b)(4)
0022	OPTIONAL CLIN – FFP - Task F – Threat Kit Program: Option C - Upgrade Weapons Kit with the addition of two (b)(3):49 U.S.C. § 114(r)	1	Job	(b)(4)
0023	FFP - Task F – Threat Kit Program: Option D - WTMD Calibration Test Kits	1	Job	(b)(4)

(b)(3):49 U.S.C.  
§ 114(r)

0024	OPTIONAL CLIN – FFP - Task F – Threat Kit Program: Option E - Replacement Duffle Bags for PSE Kits	1	Job	(b)(4)
0025	T&M - Task F – Threat Kit Program: Threat Prototyping	1	Lot	(b)(4)
0025A	OPTIONAL - T&M - Task F – Threat Kit Program: Threat Prototyping	1	Lot	(b)(4)

\*Labor rates applied to these CLINs shall be based on Attachment 20 of the IDIQ contract.

\*\*The Government reserves the right to exercise Optional CLIN 0005A, 0007, 0008, 0011A, 0012, 0013, 0014, 0015, 0018A, 0020, 0021, 0022, 0024, and 0025A at any time during the performance of this Task Order. Optional CLINs with a stated period of performance will be exercised prior to the stated effective date as necessary.

\*\*\*CLIN 0002 and CLIN 0003 are partially funded and additional funds will be added as needed up to the established not to exceed amount. The ODCs and travel proposed for these CLINs have been evaluated and accepted by the Government.

## B.2 Accepted Proposal

The technical proposal SST900 TO 12, Amendment 001 Technical Approach, dated 1-10-2011 and the price proposal titled Task Order 12 Volume 2 Price (1st Submission), dated 1-10-11 is hereby accepted.

- Negotiations regarding labor rate increases, due to the Service Contract Act are currently ongoing; therefore the Contracting Officer has allowed LM to apply the proposed increased labor rates. If any of these proposed rates are not accepted under the IDIQ a downward adjustment in pricing for this Task Order shall be made. The following five (5) labor categories used in this task order are affected by this rate increase – Classroom Instructor, Senior Image Technician, Image Technician, Senior Administrative Assistant, and Assembly Technician.

## B.3 Use of T&M CLINs

Prior to performing under a T&M CLIN within this Task Order, except for CLIN 0005, the contractor shall submit a request for approval to the Contracting Officer Technical Representative and applicable Technical Monitor and provide the estimated hours expected to be used. For CLIN 0005, the estimated hour expected to be used shall be provided as soon as possible but no later than 2 business days after performance begins.

## B.4 Associated Labor Categories

The following table defines the labor categories that can be used under each T&M CLIN:

CLIN Number	Labor Categories
0005	#73- Security Training Analyst #78- Functional Support Specialist #83- Jr. Threat Design Engineer #84- Associate Threat Design Engineer #85- Threat Design Engineer

	#86- Principal Image Engineer #87- Senior Image Engineer #89- Principal Transportation Security Equipment Analyst #90- Principal Operations Research/System Analyst #91- Senior Systems Integration Engineer #93- Senior NET/C++/PLSQL Programmer #95- Chemist #96- Associate Chemist/Lab Assistant #97- Senior Engineering Modeler #98- Lead Engineer/ Modeler #103- OEM - Engineer I #104- OEM - Engineer II #105- OEM - Engineer III #106- OEM - Field Service Engineer #107- GE CTX Engineer
0009	#10- Classroom Instructor #36- Facilities Management Director #73- Security Training Analyst #78- Functional Support Specialist #84- Associate Threat Design Engineer #85- Threat Design Engineer #86- Principal Image Engineer #88- Scientific Study Designer/ Analy #91- Senior Systems Integration Engineer #93- Senior NET/C++/PLSQL Programmer #95- Chemist #96- Associate Chemist/Lab Assistant #97- Senior Engineering Modeler #103- OEM - Engineer I #104- OEM - Engineer II #105- OEM - Engineer III #106- OEM - Field Service Engineer #107- GE CTX Engineer
0011	#10- Classroom Instructor #36- Facilities Management Director #43 - Senior Image Technician #44 - Image Technician #73- Security Training Analyst #78- Functional Support Specialist #83- Jr. Threat Design Engineer #84- Associate Threat Design Engineer #85- Threat Design Engineer #86- Principal Image Engineer #87- Senior Image Engineer #91- Senior Systems Integration Engineer #93- Senior NET/C++/PLSQL Programmer #95- Chemist #96- Associate Chemist/Lab Assistant #97- Senior Engineering Modeler #98- Lead Engineer/ Modeler #103- OEM - Engineer I

	#104- OEM - Engineer II #106- OEM - Field Service Engineer
0018	#10- Classroom Instructor #36- Facilities Management Director #73- Security Training Analyst #78- Functional Support Specialist #84- Associate Threat Design Engineer #85- Threat Design Engineer #86- Principal Image Engineer #87- Senior Image Engineer #91- Senior Systems Integration Engineer #93- Senior NET/C++/PLSQL Programmer #95- Chemist #96- Associate Chemist/Lab Assistant #97- Senior Engineering Modeler #98- Lead Engineer/ Modeler #103- OEM - Engineer I #104- OEM - Engineer II #105- OEM - Engineer III #106- OEM - Field Service Engineer #107- GE CTX Engineer
0025	#10- Classroom Instructor #36- Facilities Management Director #43 - Senior Image Technician #44 - Image Technician #73- Security Training Analyst #78- Functional Support Specialist #83- Jr. Threat Design Engineer #84- Associate Threat Design Engineer #85- Threat Design Engineer #86- Principal Image Engineer #91- Senior Systems Integration Engineer #93- Senior NET/C++/PLSQL Programmer #95- Chemist #96- Associate Chemist/Lab Assistant #97- Senior Engineering Modeler #98- Lead Engineer/ Modeler

#### **B.4 Conditions and Assumptions**

The prices above are based on the conditions and assumptions stated in Attachment P that have been accepted by the Government and incorporated into this Task Order.

**(End of Section B)**

## **SECTION C – STATEMENT OF WORK**

### **1. Scope of Product, Service, or Outcome**

The contractor shall provide a broad range of services to assist and support Department of Homeland Security (DHS) Transportation Security Administration (TSA) Operational and Technical Training, Office of Human Capital, Office of Security Technology, and Office of Inspection in support of the following tasks. They include:

- Project Management
- Quality Assurance
- Government Furnished Equipment, Information, and Property (GFE/GFI/GFP) Management
- Threat Mitigation Laboratory (TML)
- Facilities Management
- Security Requirements
- Subject Matter Expert (SME)
- Help Desk (Tiers 1, 2, 3, and 4) and Field Support
- Global Threat and Image Support for TSA learning technology products and the Threat Image Projection (TIP) Program
- Threat Image Projection (TIP) Program Support
- Image Development and expertise to analyze image performance and conduct analysis at the component, sub-component levels of the various types of threat items.
- Threat Design, Build or Acquisition of threat, non threat and alarm objects.
- Rapid Response for Emerging Threats
- Threat Image Library (TIL) Management
- Product support, software development, requirements definition and management, and helpdesk support for image based simulation products
- Development, pilot, analysis, and management of image assessments and tests for image based simulation products and other testing applications as required by TSA
- Threat Kit Program Support and Maintenance

### **2. Acronyms List**

See contract HSTS01-09-D-OSO900, Section A.2 Acronyms.

### **3. Definition of Terms**

#### **Adaptive Learning**

Training that is managed by an algorithm to adjust difficulty, threat and bag mix based upon the individual TSO's training performance.

#### **Alarm Information File**

A human readable file which shows the Alarm item & insulation in both normal and x-ray form with call-outs to support training objectives.

#### **Alarm Object (AO)**

One or more objects put together that forces the EDS machine to interpret the object as a possible threat. Alarm Objects must alarm consistently on all machines.

#### **Alarm (Object) Information File (AIF)**

Human readable .JPG that has the xray image from the L-3 6000 EDS machine with callouts of the items that make up the alarm object. Also in the file is a picture of alarm object and the decision that make the alarm object either clear, suspect or obvious.

#### AT-1

TSA acquired several Rapiscan and Smiths AT X-ray units as commercial products. This version of the unit (out of the box) is referred to AT-1 Specification.

#### AT-2

TSA has established specific requirements that OEMs must meet on a tiered bases to be fully AT compliant. This specification is referred to AT-2.

#### ATI Anomaly

An item that appears in the AIT image that is inconsistent with normal body parts. These are items which require secondary screening to resolve.

#### Bad Actor

A fictional threat image with performance at or below the false alarm level. Bad actors are routinely removed from image libraries until such time as additional training can be performed and they become viable for statistical analysis.

#### Bag Information File (BIF)

JPG file that shows the Rapiscan 620 DV xray image of a bag with callouts of common objects within the xray image, also included in this file is a photo layout of the bag and its contents.

#### Body Information File

A human readable file which shows the model's body with face blurred, and anomalies placed on a mannequin as normal photographs and the corresponding AIT image all with call-outs to support training objectives.

#### Canonical View

The most common viewpoint that the threat is normally found in.

#### Clutter

Normal items carried by passengers in their luggage which "clutter" an x-ray image.

#### Combined Alarm Image (CAI)

File of a bag constructed with one or more than one alarm objects and appropriate bag clutter. CAIs contain a photo of the bag alarm object, ancillary alarms and contents, along with an L-3 Screen Capture. A fully documented CAI includes the energy files and screen shots from all EDS platforms supported. The combined alarm object (AOs plus clutter) must consistently alarm on all machines.

#### Combined Threat Image (CTI)

Image of threat that is placed in a bag and scanned on the TRX and Auto EDS platforms.

#### Custom Session

A collection of clear and threat images used for a specific training purpose.

#### Data Complete

This is a conceptual point in time mutually agreed to between LM and TSA. As TIP data is received it comes in varying levels of completeness. Analysis does NOT begin until TSA and LM have mutually agreed that it is "complete" enough to begin and conduct a worthwhile analysis.

#### Energy File

A file native to a specific piece of TSE which is generally in the form of encrypted, compressed binary data.

#### Fictional Threat Image (FTI)

An image captured on the Transportation Security Equipment (TSE) without a bag to ultimately create a soft CTI or Combined Threat Image. Also the file extension of the Rapiscan 520 and 620 DV machines.

#### File Format – (Cobra)

A collection of files necessary to reliably reproduce the image on a simulator. Includes: Unknown at this time

#### File Format – (CT-80)

A collection of files necessary to reliably reproduce the image on a simulator. Includes: high.tif, and low.tif

#### File Format – (Fusion)

A collection of files necessary to reliably reproduce the image on a simulator. Includes: Unknown at this time

#### File Format – (GE CTX)

A collection of files necessary to reliably reproduce the image on a simulator. Includes: cting.I, ctinspect, ctscan, spimg.I, spinspect, sprecon, and spscan

#### File Format – (L-3 AIT)

A collection of files necessary to reliably reproduce the image on a simulator. Includes: .mtx For calibration and can files, .txt (for scan and mark information)

#### File Format – (L-3 Examiner)

A collection of files necessary to reliably reproduce the image on a simulator. Includes: .uio.gz

#### File Format – (Rapiscan AIT)

A collection of files necessary to reliably reproduce the image on a simulator. Includes: Unknown at this time

#### File Format - .ceob

A combined EOB with all 18 images required by TRX Simulator contained in one file.

#### File Format - .cti

A Rapiscan native CTI file. This file contains header information about the image and the image. Each generator and array combination creates a separate image.

#### File Format - .eob

A Rapiscan 3D20 Native energy file.



#### File Format - .fti

A Rapiscan native FTI file. This file contains header information about the image and the image. Each generator and array combination creates a separate image.

#### File Format - .hif

A smith's detection native file. This file contains header information about the image and any alarms produced and each image captured by a specific set of arrays.

#### File Format - .pxe

An L-3 LS110-II native energy file

#### File Format - .pxi

An L-3 LS110-II energy file converted for use in TIP

#### File Format - .wim

An L-3 LS110-I native energy file

#### Globally Unique Identifier (GUID)

A globally Unique Identifier is a 32 character alpha-numeric name which is globally unique to all systems.

#### Image Blending Algorithm

Image blending is performed when two x-ray images (generally a threat and clear bag) are brought together through an OEM based proprietary algorithm. Unlike combining photos using commonly available photo software, images are blended at the data or energy level mathematically first, and then processed through the image presentation algorithm for projection on the screen.

#### MIMIC Algorithm

TRX Simulator uses a MIMIC algorithm to replicate blending and coloring, as well as user interaction with the system to replicate within the closest visual parameters to the real TSE. MIMIC algorithms are approved by a joint working group of LM, TSL, and TSA personnel who assess the fidelity of the screen presentation against that produced by the actual TSE.

#### On-Line Learning Center (OLC)

The TSA web-site where training is managed and tests are launched. The single authority for training and testing information.

#### Orientation

Orientation is a combination of the rotation of a threat in a specific viewpoint angle and its X/Y placement in the bag.

#### PASS On-Line

The web-site used by OHC to manage test data. This location holds and maintains item level detail on each image test provided.

#### Scan Information File (SIF)

Set of 56 scans/images associated with a single model containing photos, scan views, and call-out labels for both model and mannequin.

### Security Technology Integrated Program (STIP)

The program that networks transportation security equipment to enhance HQ's ability to control settings and manage image libraries.

### SENSITIVE SECURITY INFORMATION (SSI)

As stipulated in 49CFR Part 1520; SSI is information that TSA/FAMS has determined must be protected from improper disclosure in order to ensure transportation security. Training on SSI will be conducted annually for all LMTT personnel participating in the FFDO Program.

### Soft CTI

A CTI created through a systemic approach using data. The difference between a soft CTI and CTI is the CTI is an image file, and the soft CTI is a data file.

### STATEMENT OF WORK (SOW)

This is the document that details the scope of work that the Federal Government is expecting the contractor to provide during a specific period of performance.

### STIP Library Update

A STIP Library Update package includes a full image library, command and control files in the format necessary to upload the STIP server and each type of STIP TSE. This includes a different format for each OEM and class of equipment.

### Task Order Manager/Assistant Task Order Manager (TOM/ATOM)

A member of the contract team designated by the contractor to direct the administrative activities of the Task Order Programs and to perform the functions of the Project Manager.

### Technical Direction

Technical Direction (TD) is documented direction from the Government to the contractor on matters regarding execution of agreed-upon services or products as documented in the Contract (Task Order).

### TM (TM)

An individual nominated by the COTR and designated by the CO to act as his/ or her authorized representative for the technical administration of specific task(s) as defined within the Task Order Statement of Work. The duties and limitations of the TM are contained in a written letter of designation.

### Test Bag

A bag specifically created or assigned to a test or test library. The bag cannot be re-used in training applications without express approval from OHC.

### Test Library

A library of images specifically for testing that cannot be used in training until released by OHC.

### Threat Image Library Repository

The TIL Repository contains all TIP, Training, and Testing images and data about the images and the threat or alarm items contained within them. Images are chosen from the repository to create libraries. Images with performance data have that data available for library selection.

### Threat Information File (TIF)

JPG file that shows the conical view x-ray from the Rapiscan 620 DV. Also in the file is a picture of the threat object and the title describing the threat. IED TIFS have the P.I.E.S. callouts on them if present in the device.

P – Power Source

I – Initiator

E – Explosives

S - Switch

### TIL/TKIT

This is the TME&I government contractor created/supported database that contains the Threat Image Library (TIL) Repository, Threat Kit (TKIT) Database, and associated data from the TIP database. This information will be made available online to provide access to all threat items and images with association to their respective threat items. Additionally, Image performance data is captured from TIP and represented with image data, and all kit activity is made available online. Data is updated regularly as work occurs allowing the government to follow progress in real time.

### TIP 1A February Specification

This is a specification that has not been implemented which changes category names specifically IED to explosive.

### TIP 1A November Specification

The currently fielded TIP specification for legacy equipment. This specification continues to refer to explosives as IEDs in terms of category and supports TRX-U. TIP images released under this spec begin in number starting with 2000.

### TIP AT Library Update

A TIP library update focused on AT systems, currently AT-1 using TLUS and TLU methodologies—but including images with all views supported by the TSE.

### TIP Image Library

A TIP image library is created based upon TSA requirements and tagged by month and year, for example October 2007. The library includes a collection of images selected based upon TSA priorities. The contractor attempts to normalize each threat category based upon available images. Bad actors and images that provide little or no training value are excluded from libraries.

### TIP Library Creation Software (TLCS)

TIP library creation software is used to create TIP Library Update Software (TLUS). The software is an OEM provided custom application that allows LM to place images in specific folders and establish specific machine setting by category airport and generate an auto installation package for the particular type of equipment.

### TIP Library Naming Convention

The convention used to name a particular TIP library. This naming convention is governed by the most current specification for the TSE in question. Specifications currently affecting TIP library naming include the TIP 1A, AT-1, STIP, and TRX-U specifications.

### TIP Library Update

A TIP library update disk leverages on-board software from specific TSE to install and update TIP libraries and users. Typically, the on-board software will walk the user through the various screens required to facilitate system configuration.

### TIP Library Update Software (TLUS)

TIP library update software is an auto executing software application that automatically installs the TIP library and machine specific settings by the TIP administrator.

### TIP TRX Library Update

A TIP library update focused on legacy TRX systems including TLUS and TLU update methodologies.

### Training Library

A group of images used in training that can not be used in testing at any point in future, unless the image is of such a nature that it will appear in only one way regardless of presentation (e.g., empty bin). Once a CTI is deployed in training it can never be used in testing for that population of people.

### Training Support Center (TSC)

The warehouse where all training aids and materials are stored until needed at training sites in the field.

### TRX Simulator Clear Bag

A clear bag is a bag captured without any prohibited items in it. This bag should not be determined by the TSO to require secondary screening.

### TRX Simulator FTI

An FTI that is captured on the Rapiscan 3D20 for legacy systems or the Rapiscan 620DV for AT and legacy systems. Legacy FTIs are captured in [redacted] viewpoint angles and then flipped by an external tool to create the [redacted] viewpoints each in different orientations. AT FTIs are captured in [redacted] viewpoints which include viewpoint and rotation [redacted] (b)(3):49 U.S.C. § 114(r)

### TRX Simulator Test Distribution

A test distribution is a separately installable test package for TRX Simulator. TRX Simulator may have one and only one test distribution at any time. When updated, all data associated with the prior distribution is archived until the next update, at which time the data is deleted. The test distribution also contains data to manage communications protocols with OLC, TSA's Share Point, and PASS On-Line.

### TRX-U Library Update

A TRX-U library update package is formatted consistent with the TIP1A November Specification and is peculiar to each OEM class of equipment. TRX-U will include command files and GUIDs as required by the OEM.

### Unique Threat Bag

A unique threat bag is a combination of threat and clear bag in with the threat in a particular orientation and viewpoint angle.

### View Point Angle

The positioning of a threat based upon the X and Y axis. TRX Simulator uses [redacted] specific view point angles, where as TIP uses free-form viewpoint angles. An example of a viewpoint angle would be [redacted] around the X axis and Y axis from the Canonical view. (b)(3):49 U.S.C. § 114(r)

#### **4. Task A - Global for ALL Tasks within this Statement of Work (SOW)**

##### **4.1 Project Management (CLIN 0001 Firm Fixed Price (FFP))**

4.1.1 The contractor shall provide project management oversight to include such tasks as scheduling, finance, milestones, deliverables, and overall program performance.

4.1.2 The contractor shall develop and maintain program schedules and track/report progress for each separate Task within this SOW. This shall also include a combined Weekly Status Report for all Tasks within this SOW. The Weekly Status Report shall contain:

4.1.2.1 Engineering Change Proposal/ Request for Deviation (ECP/RFD) Impact Report

4.1.2.2 Current Project Schedule for each Task

4.1.2.3 Weekly Travel Report (task specific)

4.1.2.4 Weekly Trouble Ticket Report

4.1.2.5 Weekly Progress/Activity Report (task specific)

4.1.3 The contractor shall work in close partnership with TSA Task Monitors to develop effective schedules to meet TSA needs.

4.1.4 The contractor shall analyze critical paths, dependencies and provide recommendations to reduce risk and ensure schedule success.

4.1.5 The contractor shall support the review of project plans for accuracy regarding cost, schedule and technical risks by providing analysis of proposed plans.

4.1.6 The contractor shall identify and manage risks and changes to the plan (risk management and change control). The contractor shall also recommend actions to address deficiencies or reduce program risk.

4.1.7 The contractor shall provide TSA project support, operations support, and analytical support to the program to facilitate the program's goal of maximizing security personnel performance in threat identification.

4.1.8 The contractor shall support one (1) Monthly Program Management Review (PMR) per month to outline previous month's activities, issues, risks and forecasting on all projects within this SOW, on a Task by Task basis. The PMR shall include Task Order status, task activity by CLIN, cost and financials; previous months Deliverable status, forecast of upcoming deliverables; and Challenges and Risks.

4.1.9 The contractor shall provide online systems to update status on overall task management activities, track Technical Direction (TD), Program /Project/Task/sub-task level reporting and data management.

4.1.10 The contractor shall provide monthly reporting of ODC items procured.

##### **4.2 Quality Assurance (CLIN 0001 FFP)**

4.2.1 The contractor shall ensure that all Task Order performance objectives and deliverables are of the highest achievable quality; to promote continuous improvement; and ensure best practices are employed at all times. Contractor processes and Standard Operating Procedures shall be followed and are auditable by TSA Quality Assurance personnel.

4.2.2 The contract shall provide a Task Order specific Quality Assurance Project Plan (QAPP).

4.2.3 Inspection and acceptance of all deliverables required under this SOW will be performed by the Deliverable Recipient as specified within each Task. All deliverables are due by 12:00 pm

EST on the day specified, unless otherwise agreed upon by the government. The Government will review the deliverable and provide the contractor with a notification stating whether the deliverable is acceptable or not acceptable.

4.2.4 The TSA TM will be the government quality assurance single point of contact. TSA will conduct QA for requirements conformance in accordance with Task Order specific Government Quality Assurance Surveillance Plan (QASP).

4.3 Government Furnished Equipment, Information, and Property (GFE/GFI/GFP) Management (CLIN 0001 FFP, CLIN 0002 Not To Exceed (NTE))

4.3.1 All GFE shall be tracked and reported under the base contract. All government equipment and property assigned to the contractor shall be managed within the contractor property system; however, spare kits and those assigned to entities not within the control of the contractor shall be managed in the TSA Sunflower system and not the contractor property system as outlined in Task F.

4.3.2 The contractor shall use Government Furnished Equipment (GFE) for all Tasks within the SOW. The configuration of any Transportation Security Equipment (TSE) systems shall be the same as fielded units operating at the TSA specification for U.S. airports unless otherwise directed by the Government. Should a deviation (Request for Deviation (RFD)) to configuration be required, the contractor shall submit the request to the Government for approval. TSA will approve an RFD within two calendar days.

4.3.3 The contractor may be required to purchase equipment if GFE is not available. TSA Contracting Officer approval will be required and a separate modification will be issued for these purchases. All contractor-acquired equipment subsequently becomes GFE as defined by the terms of the contract. NOTE: This requirement does NOT affect the procurement of firearms or other items below the GFE threshold that are tagged.

4.3.4 In the course of general operations and support, the contractor shall procure consumable items and material to maintain stock levels and supplies for threat creation and other support efforts. Purchases of material shall be tracked and reported to the TSA TM (TM) on a monthly basis ensuring that operational purchases maintain compliance with all FAR clauses and remain within the not to exceed funding levels for those items. Contractor shall follow ODC rules as defined by the terms of the base contract (to be provided).

4.3.5 TSA will supply TSA property tags in support of this effort.

4.3.6 Property records shall be managed by the contractor and provided on a monthly basis for bulk upload into the TSA Sunflower system or as otherwise mutually agreed to between the contractor and TSA.

4.3.7 The contractor shall provide a monthly Inventory Report to TSA.

4.3.8 The contractor shall provide delivery and tracking information on kits, as well as inventory and location to TSA on-demand within 3 business days of request.

4.4 Security Requirements (CLIN 0001 FFP)

4.4.1 Access to classified information up to the TOP SECRET level is required to support the Threat Image Projection (TIP) Program, Threat Kit Program, and Image Development Program. Only individuals who require classified access shall be required to maintain a minimum of a SECRET clearance and only those required to access TOP SECRET information shall maintain a TOP SECRET clearance.

4.4.2 The contractor and sub-contractor personnel for this Task Order who require access to classified information shall hold the appropriate security clearance or higher to support the necessary contractual requirements.

4.4.3 The contractor shall require access to classified material at the TML in Egg Harbor, NJ; the contractors locations in Crystal City, VA and Moorestown, NJ; TSA HQ; TSIF; TSL; OEM Facilities; and at US Airports as required and approved by TSA. Visit requests are required consistent with the NISPOM and need to know must be approved and certified by TSA prior to any access. The contractor shall submit all requests for TSA approval.

4.4.4 The contractor shall require a DD254 based on the following specifications:

4.4.4.1 Secret Information to be stored at the Threat Mitigation Library in Egg Harbor, NJ and the LM site in Crystal City, VA.

4.4.4.2 Access to SECRET Information.

4.4.4.3 Access to TOP SECRET Information at TSA facilities only.

4.4.5 The contractor facilities in Egg Harbor, NJ and Crystal City, VA shall procure and maintain security and classified storage containers/cabinets to securely house materials rating a minimum classification of sensitive security information (SSI) up to SECRET and firearms.

4.4.6 The contractor shall store/safeguard classified SECRET documents.

4.4.7 The contractor shall view classified TOP SECRET information at TSA facilities.

4.4.8 The contractor shall require, at a minimum, access to Transportation Security Equipment (TSE) vulnerabilities, threshold weights for explosive alarms, and net explosive weights used for training and testing transportation security officers.

4.4.9 The contractor shall require access to existing and emerging intelligence data relating to terrorist training, designs for Improvised explosive devices, concealment tactics and strategies, and other information necessary to replicate the terrorist threat.

4.4.10 Select contract and subcontractor personnel shall require courier credentials issued by DHS/TSA to allow for the transport of classified information. The contractor shall provide a list of trained classified couriers to TSA to facilitate issuance of the appropriate credentials.

4.4.11 Select contract and subcontractor employees assigned to this task order shall require credentials that indicate that they work in support of TSA and frequently transport explosive simulants that appear real without lab testing, and other weapons including real and inert replicas.

4.4.12 Select contract and subcontractor employees assigned to this task order shall require a TSA badge that will allow them to be issued a TSA white package laptop computer. Physical access to TSA headquarters is not required. The white package laptop computers are required to allow these select contractor and subcontractor employee access to the TSA website and the On-line Learning Center (OLC) via Virtual Private Network (VPN).

4.4.13 The contractor shall retain copies of "Electronic Baggage Screening Program Requirements for Automatic Detection of Explosives" (Version 5.8, dated 1 January 2010, classification SECRET); "Passenger and Carry-On Baggage Explosives Detection Systems Requirements (Version 3.2 dated 5 December 2006, classification Confidential); IT Technical Checkpoint Screening Ops (Version 3.1.01, dated 17 July 2009, classification Confidential; and AT Xray Detection Requirements Appendix (Version 2.0, dated 5 March 2010, classification Confidential).

4.4.13.1 Contract personnel will be briefed on these documents and though they are relatively short, the content is not best memorized and needs to be available for reference while performing the duties of this task order. Therefore, the contractor shall store one (1) copy at the TML and one (1) copy in the Crystal City facility in a secure location.

4.4.14 The contractor shall store and safeguard classified material in accordance with Executive Order 12958, as amended, Classified National Security Information, and its Implementing Directive No. 1 at the SECRET level in support of program office requirements.

4.4.15 In accordance with the Department of Defense (DOD) Manual 5220.22-M, "National Industrial Security Program Operating Manual (NISPOM) for Safeguarding Classified Information," Chapter 5, Section 5-502, the contractor is authorized to disclose TSA classified information to cleared subcontractors when access is necessary to perform tasks or services for fulfillment of a prime or sub-contract.

4.4.16 In accordance with the Department of Defense (DOD) Manual 5220.22-M, "National Industrial Security Program Operating Manual (NISPOM) for Safeguarding Classified Information," Chapter 5, Section 5-506, the contractor shall not disclose classified information received or generated under this TSA contract to any other Federal agency unless specifically authorized in writing by the TSA Program Office that has classification management jurisdiction over the information and the TSA Contracting Technical Representative (COTR).

4.4.17 In accordance with the Department of Defense (DOD) Manual 5220.22-M, "National Industrial Security Program Operating Manual (NISPOM) for Safeguarding Classified Information," Chapter 5, Section 5-509, the contractor shall not disclose classified information to another contractor except to support a contract, subcontract or other TSA purpose.

4.4.18 The Contractor will access classified material at:

4.4.18.1 Lockheed Martin Services Inc at 1800 South Bell Street Suite 1100, Arlington, VA 22202;

4.4.18.2 Lockheed Martin Maritime Systems & Sensors at P.O.Box 1027, Moorestown, NJ 08057-0927; and

4.4.18.3 Galaxy Scientific Corporation at 2628 Fire Road, #304, Egg Harbor Township, NJ 08234.

4.4.19 The Contractor will store and safeguard classified material in accordance with Executive Order 13526, Classified National Security Information, and its Implementing Directive 32 CFR Part 2001 at the SECRET level in support of program office requirements. Additionally, in accordance with the Department of Defense (DOD) Manual 5220.22-M, "National Industrial Security Program Operating Manual (NISPOM) for Safeguarding Classified Information," Chapter 5, Section 5-502, the contractor is authorized to disclose TSA classified information to cleared subcontractors when access is necessary to perform tasks or services for fulfillment of a prime or sub- contract. In accordance with the NISPOM, Chapter 5, Section 5-506, the contractor shall not disclose classified information received or generated under this TSA contract to any other Federal agency unless specifically authorized in writing by the TSA Program Office that has classification management jurisdiction over the information and the TSA COTR. In accordance with the NISPOM, Chapter 5, Section 5-509, the contractor shall not disclose classified information to another contractor except to support a contract, subcontract or other TSA purpose.

#### 4.5 Threat Mitigation Laboratory (TML) (CLIN 0004 NTE)



4.5.1 The contractor shall provide the hardware, software, facility, materials and services required to manage, operate, and maintain the TML to support TSA requirements for image and threat development, storage, kit development and production, library management and field distribution.

4.5.2 The contractor shall functionally operate the TML including the facility and GFE equipment assigned.

4.5.3 The TML shall provide the appropriate space and configuration to:

4.5.3.1 Stage equipment for image creation, production, and review.

4.5.3.2 Conduct Image Reviews.

4.5.3.3 Create Images (may include human models).

4.5.3.4 Develop or acquire threat and non threat devices and threat items.

4.5.3.5 Develop Simulants.

4.5.3.6 Develop threat training aids.

4.5.3.7 Store Chemicals.

4.5.3.8 Maintain training kits and training aids.

4.5.3.9 Develop, manufacture, and deliver training kits and training aids to TSA entities.

4.5.3.10 Develop training manuals for kit usage and other appropriate documentation.

4.5.3.11 Conduct product reviews, demonstrations and training.

4.5.4 The TML shall be required to maintain and store materials rating a minimum classification of sensitive security information (SSI) up to SECRET and firearms.

4.5.5 The contractor shall obtain and maintain proper licensing to obtain, maintain, and store a variety of legal and illegal firearms on-site at the TML. The TML shall meet TSA, Federal, State, and local requirements for the storage of firearms. The TML facility shall be required to render the firearms inert; and/or modify firearms.

4.5.6 The contractor shall maintain threat and non-threat items at the TML.

4.5.7 The contractor shall store in a climate controlled environment explosive and detonator simulants, IED device components, guns, knives, other threat and prohibitive articles, luggage, normal passenger clutter for the luggage, additional equipment/software and facility/support services that are required to meet TSA TML requirements.

4.5.8 The TML shall include space for threat device and threat training item development, machine specific image production, and the storage of all necessary threats, bags, and equipment.

4.5.9 On rare instance (TSA expects one (1) time), when OST is unable to supply riggers for movement of TSE in or out of the TML, riggers shall be required. 5.10 The contractor shall ensure maintenance agreements are in place and that the GFE provided under this task order is properly maintained.

4.5.10 The facility maintenance shall be CLIN0004; and TSE Maintenance shall be CLIN002.

4.5.11 The contractor shall leverage TSA maintenance agreements when possible.

#### 4.6 Tier 1 and 2 Help Desk and Field Support (CLIN 001 FFP)

4.6.1 The contractor shall provide multiple tier (Tier 1 and 2) Help Desk support for operational learning technology products (c.g., Simulator, Threat Kits) and the TIP Program.

4.6.2 The contractor shall provide an initial response to a TSA request for assistance (trouble ticket) via phone or email within 24 hours (1 business day), unless TSA has directed re-prioritization of resources in support of a release or other priority.

4.6.2.1 The point of entry for a trouble ticket shall be provided via the contractor online system and may require the contractor to create a ticket.

4.6.2.2 TSA will route the trouble tickets received by TSA Training to the contractor for action by instructing the airport to open a trouble ticket on the contract system.

4.6.2.3 During periods of post deployment surges, the contractor and TSA will identify mutually agreeable response times based upon TSA priorities. For example: if resources are focused on a national issue, individual tickets may be deferred until such time as the national issue is resolved. After which, the contractor shall be provided a reasonable amount of time to manage individual tickets but not more than one week.

4.6.3 The contractor shall resolve Tier 1 and 2 tickets within 48 hours (2 business days). Tier 1 tickets are defined as issues that can be resolved without extended troubleshooting, such as: Super User password reset, decoding a test result. Tier 2 tickets are defined as requiring multiple calls and/or emails from the LM helpdesk to ticket creator.

4.6.4 The contractor shall notify TSA of any exception and provide a follow-up phone call and/or email to the requestor to update the status of the issue. The contractor shall not be held accountable for time waiting for an airport to respond with requested information (i.e. critical information related to an error or files required to troubleshoot an error). NOTE: Severity of issues is defined within the Help Desk Standard Operating Procedure document.

4.6.5 The contractor shall provide Tier 1 and 2 support for 40 hours per week during the normal business hours of 8 AM through 5 PM EST Monday through Friday; and shall complete trouble ticket logs each time a ticket is accessed. Log entries shall be consistent, clearly understandable and outline what action is or was taken.

4.6.6 The contractor shall provide on-call support for emergency trouble tickets. Emergency trouble tickets are those which inhibit the Training Managers/Specialists or Security Training Instructors from administering a test or retrieving test results needed immediately, or those situations tasked by the TSA TM.

4.6.7 The contractor shall provide technical customer service support to all TSA airports.

4.6.7.1 The contractor shall identify representatives to serve as the field liaison for the Emerging Technology Program and shall foster a collaborative working relationship between the contract personnel, OTT, and TSA field personnel.

4.6.7.2 The representatives shall communicate technology training impacts to the airports and resolve issues when new releases of equipment or technologies occur.(e.g., provide front line communications with airports on new releases to TRX Simulator, pilot planning for software and on-site visits, and TIP library releases with or without on-site support).

4.6.7.3 The representatives shall assist the field with Threat Kit upgrades, shipping, contacts and schedule rotations.

4.6.7.4 The representatives shall assist the field with TRX Simulator, EDS Simulators, AIT Simulators, LM laptops and all other emerging technologies problems/issues.

4.6.7.5 The representatives shall provide on-site field support to airports for TIP, TRX Simulator, and other special projects as required.

4.6.7.6 The representatives shall provide TIP library upload support either remotely or on-site and also support pre-clearance airports as required.

4.6.7.7 The representatives shall serve as pilot proctors, software testers and maintain a solid interface between the task order helpdesk and other TSA (e.g., STIP, PASS, SPOC, and Siemens) helpdesks.

4.6.7.8 The representatives shall provide property management support to airports in support of kit issues, audits, and other property questions and interface directly with TSA DPMO staff.

#### 4.7 Tier 3 and 4 Help Desk Support (CLIN 001 FFP)

4.7.1 The contractor shall provide multiple tier help desk support for Simulator and technology products.

4.7.2 The contractor shall provide an initial response to a TSA request for assistance (trouble ticket) via phone or email within 24 hours (1 business day), unless TSA has directed re-prioritization of resources in support of a release or other priority.

4.7.2.1 The point of entry for a trouble ticket shall be provided via the contractor online system and may require the contractor to create a ticket.

4.7.2.2 TSA will route the trouble tickets received by TSA Training to the contractor for action by instructing the airport to open a trouble ticket on the contract system.

4.7.2.3 During periods of post deployment surges, the contractor and TSA will identify mutually agreeable response times based upon TSA priorities. For example: if resources are focused on a national issue, individual tickets may be deferred until such time as the national issue is resolved. After which, the contractor shall be provided a reasonable amount of time to manage individual tickets but not more than one week.

4.7.3 The contractor shall notify TSA of any exception and provide a follow-up phone call and/or email to the requestor to update the status of the issue. The contractor will not be held accountable for time waiting for an airport to respond with requested information (i.e. critical information related to an error or files required to troubleshoot an error). NOTE: Severity of issues is defined within the Help Desk Standard Operating Procedure document.

4.7.4 The contractor shall provide Tier 3 support for 40 hours per week during the normal business hours of 8 AM through 5 PM EST Monday through Friday; and shall complete trouble ticket logs each time a ticket is accessed. Log entries shall be consistent, clearly understandable and outline what action is or was taken.

4.7.5 The contractor shall provide on-call support for emergency trouble tickets. Emergency trouble tickets are those which inhibit the Training Managers/Specialists or Security Training Instructors from administering a test or retrieving test results needed immediately, or those situations tasked by the TM.

4.7.6 Tier 3 support may require software changes to correct a bug (i.e., when a portion of the software does not function as designed). The Contractor and TSA shall mutually agree on the priority delivery timeframe of any emergency fix. The Contractor shall correct and test any emergency fix as quickly as possible. The Contractor shall assist in the certification testing. Non-emergency fixes shall be scheduled into a future software release.

4.7.7 Tier 4 support is part of the change management process and is considered recommended enhancements or changes to be captured and held for TSA direction. The Contractor shall maintain and keep up to date all enhancements or change requests, and TSA shall be able to

retrieve these at any time to review. Prior to any major or minor upgrades, TSA shall identify any enhancements or changes that may be considered for development and the Contractor shall provide an estimate on the level of effort to accomplish, and identify any synergies in combining any enhancements. The Contractor may be required to support change management and requirements tracking on the LMSC. The Contractor shall support a T-1 line, router and server in their development facility and for their development team to use the Contractor's accounts for distribution and maintenance of software packages.

#### 4.8 Threat and Image Support (CLIN 0001 FFP)

4.8.1 The contractor shall enter information into and maintain data in the Threat Image Library (TIL).

4.8.2 The contractor shall design and acquire threats and build threats to support all the Tasks within the SOW.

#### 4.9 SME Support (CLIN 0001 FFP and CLIN 0005 Time and Materials (T&M))

The contractor shall provide subject matter expertise in support of analysis reports and program support with attention to the following areas: Original Equipment Manufacturers (OEMs), X-Ray technology, Engineering, explosive technologies and threat analysis.

#### 4.10 Rapid Response (CLIN 0005 T&M)

4.10.1 The contractor shall provide rapid response capability to respond to short notice high threat information. TSA expects a rapid response event every other month, up to a total of six (6) during this POP.

4.10.2 The contractor shall produce threat items and images within 48 hours. TRX Simulator training sessions may be required. The contractor shall create bag information files for any new TRX Simulator bags created.

4.10.3 Rapid response deliverables may be various formats (e.g., Fictional Threat Images, Combined Threat Images, PowerPoint presentations, TRX Simulator Images' TRX Simulator Sessions).

4.10.4 Rapid response support is a function of re-prioritizing resources planned for image capture.

4.10.5 Contract personnel shall be contactable 24/7 via blackberry in support of Rapid Response Activities. These include the TML team leader or designee, the Lead EOD Technician and key threat designers.

4.10.6 TSA personnel will be available for consult within 30 minutes, throughout the rapid response development activity.

#### 4.11 Travel (CLIN 0003 NTE)

4.11.1 The contractor shall support Domestic and International Travel for this task order. TSA estimates that the contractor shall be required to travel 50 domestic trips and 10 international trips.

4.11.2 Reimbursement of travel will be in accordance with the Terms and Conditions of the IDIQ Contract.

4.11.3 The contractor shall notify TSA of planned travel in weekly reports.

#### 4.12 Task A Deliverables

#	Deliverable	Due Date	Deliverable Recipient	Government Review
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#	Deliverable	Due Date	Deliverable Recipient	Government Review
1	Weekly Status Report	Tuesday of every week	All TMs	1 Business Day
2	Integrated Task Project Schedule	02/15/2011 OR 10 business days after award	Task A TM& Task TM	5 Business Days
3	Task Order Kickoff Meeting	02/15/2011 OR 10 business days after award	Task A TM& Task TM	5 Business Days
4	Monthly Program Management Review (PMR)	Monthly on Tuesday closest to 15th of the month	All TMs	5 Business Days
5	Property records	5th of every month or closest business day	TSA Property Manager & Task A TM	5 Business Days
6	Inventory Report	5th of every month or closest business day	TSA Property Manager & Task A TM	5 Business Days
7	Help Desk Call Log (Tier 1,2,3 &4)	Available on Request	All TMs	5 Business Days
8	Customer Service Field Support Log	Available on Request	All TMs	5 Business Days
9	Rapid Response Product	Within 48 hours of request or as agreed upon	Task A TM & TSA Requester	1 Business Day
10	Procurement ODC Report	2 business days after invoice sent to TSA	Task A TM	3 business days
11	Task Order Quality Assurance Project Plan (QAPP)	10 business days after award	All TMs	5 Business Days

#### 4.13 Inspection and Acceptance Criteria

See Section 4.2

### 5. Task B Threat Image Projection (TIP) Program

#### 5.1 Scope

The Transportation Security Administration (TSA) Office of Security Technology (OST) procures and deploys security equipment to checkpoint and checked baggage screening locations nationwide. OST also develops and implements a wide range of security officer's performance, training and testing activities to support Congressional mandates. The Threat Image Projection (TIP) Program measures image interpretation proficiency at the national and airport level in an operational environment. TSA utilizes TIP data performance analyses to determine performance standards for the security workforce. The contractor

shall provide TIP program support, operations support, and analytical support to the TIP program to facilitate the program's goal of maximizing TSA's image interpretation performance.

## 5.2 TIP Imaging Support (CLIN 0006 FFP)

5.2.1 The Contractor shall procure or create threat items required for TIP imaging based upon emerging threat intelligence.

5.2.2 The Contractor shall produce fictional threat images (b)(3):49 U.S.C. § 114(r)

(b)(3):49 U.S.C. § 114(r)

(b)(3):49 U.S.C. § 114(r) threats will be based upon the prohibited items list and emerging intelligence. Images shall be distributed across threat categories and difficulty levels; specific breakdown will be provided by TSA upon award.

5.2.3 The Contractor shall perform TIP image development and management to include image definition, capture, archiving, database development and management.

5.2.4 The Contractor shall develop, implement, and document processes and procedures to perform analyses of threat alerts and ensure coordination with other organizations (e.g., intelligence, law enforcement).

5.2.5 The Contractor shall catalog and photograph the relevant characteristics of each image, such as weight and type of explosive (b)(3):49 U.S.C. § 114(r)

(b)(3):49 U.S.C. § 114(r)

power source type

(b)(3):49 U.S.C. § 114(r)

(b)(3):49 U.S.C. § 114(r)

and container

(b)(3):49 U.S.C. § 114(r)

(b)(3):49 U.S.C.  
§ 114(r)

5.2.6 The Contractor shall produce 50 TIP images a month for the following platforms:

- 5.2.6.1 SMITHS 6040/7555
- 5.2.6.2 Smiths Atix
- 5.2.6.3 RAPISCAN 522B
- 5.2.6.4 Rapiscan 620DV
- 5.2.6.5 L-3 ACXMV
- 5.2.6.6 L3 Examiner 6000
- 5.2.6.7 Reveal CT80
- 5.2.6.8 CTX 9000
- 5.2.6.9 CTX 9800
- 5.2.6.10 Analgic Cobra (CTI only)
- 5.2.6.11 CT80 Fusion (CTI only)

5.2.7 The images shall meet the following criteria:

- 5.2.7.1 The image of threat item is complete.
- 5.2.7.2 The image will be of a high quality to ensure no distortion due to pixilation, snow, blurring, etc.

5.2.7.3 IED and other threat article components can be identified. (b)(3):49 U.S.C. § 114(r)

(b)(3):49 U.S.C. § 114(r)

(b)(3):49 U.S.C. § 114(r)

At the direction of the TSA, the IDC will also create TIP images of individual IED threat components or disassembled IEDs.

5.2.7.4 Each image file will maintain consistent viewpoint angle and rotation across TRX Platforms.

5.2.7.5 No other object is creating an opaque area within the image (applicable to TBD situations for rapid response training items that may include CTIs).

5.2.7.6 The processed image is an accurate representation of the intended target difficulty level for the operator.

5.2.8 The Contractor shall submit 50 images to the TSA TIP program manager for review and approval on a monthly basis, the TSA TIP program manager will provide response no later than 2 business days. TSA will utilize the criteria listed above to determine acceptance. If any images are rejected, the Contractor shall perform follow-up work to develop replacement images that conform to the general specifications of the rejected image(s), correcting any identified deficiencies in the process.

5.2.9 The Contractor shall conduct image reviews (not to exceed two (2) during Period of Performance) upon TSA request. Image reviews will be conducted using the Threat Image Library (TIL) or mutually agreeable format.

5.2.10 The Contractor shall audit and maintain the previously developed Configuration Management Plan, in addition to the analysis of images within the TIP Library. This includes a listing of all library images and monthly volumes. The audit and configuration management should include a detail description of the changes, due to SOP or procedural changes, and issues found during the audit. Each audit report shall identify issues and a corrective action plan.

**5.2.11 OPTION A (CLIN 0007 FFP)**

The contractor shall create full libraries (2500 images New AT2 System) to bring recently added system platforms to parity with existing library sets.

**5.2.12 OPTION B (CLIN 0008 FFP)**

The contractor shall create full libraries (6000 images L3 ACXMV) to bring recently added system platforms to parity with existing library sets.

**5.3 TIP Library Management and Distribution (CLIN 0006, FFP)**

5.3.1 The Contractor shall support TIP library updates for both standalone and networked Transportation Security Equipment (TSE). This includes tasks such as development of image libraries, quality control and coordination with OEMs, production and distribution of library update packages to airports.

5.3.2 The contractor shall produce one (1) library update annually.

5.3.3 The library maintenance and updates shall support the following platforms:

- 5.3.3.1 RAPISCAN 520 LEGACY
- 5.3.3.2 RAPISCAN TRX-U
- 5.3.3.3 RAPISCAN STIP
- 5.3.3.4 STIP SERVER
- 5.3.3.5 SMITHS 6040/7555 LEGACY
- 5.3.3.6 SMITHS STIP/TRX-U
- 5.3.3.7 SMITHS aTix
- 5.3.3.8 RAPISCAN 620DV
- 5.3.3.9 L-3 ACXMV

5.3.4 The contractor shall support current libraries, to include:

- 5.3.4.1 TIPLIB10012007 STIP/TIP1A/TRX-U (October 2007)
- 5.3.4.2 TIPLIB07152008 LEGACY (July 2008)
- 5.3.4.3 TIPLIB04102009v1 (April 2009 aTix Library)

- 5.3.4.4 TIPLIB20070920 Rapiscan TRX-U/STIP (October 2007)
- 5.3.4.5 TIPLIBXXXXXXXXX (to be named upon TSA approval)
- 5.3.4.6 LTIPLIBXXXXXXXXX (to be named upon TSA approval)
- 5.3.4.7 RTIPLIBXXXXXXXXX (to be named upon TSA approval)
- 5.3.4.8 STIPLIBXXXXXXXXX (to be named upon TSA approval)

5.4 TIP Data Analysis, Reporting, and Operational Support (CLIN 006 FFP)

**NOTE: Release of Technical Data. No information, oral or written, concerning TIP made pursuant under this contract shall be published or released to the public without the prior written approval of both the TSA Program Manager and the TSA Contracting Officer.**

- 5.4.1 The contractor shall manage, store, and analyze TIP data and provide project management support to OST in the areas of imaging and explosive detection technologies.
- 5.4.2 The Contractor shall develop program documents, plans, procedures, reports, studies, and analyses, to support TSA performance plans and to document results. .
- 5.4.3 The Contractor shall develop and maintain program schedules and track/report progress of program performance. The Contractor shall analyze critical paths and provide recommendations to reduce risk and ensure schedule success. The Contractor shall support the review of project plans for accuracy regarding cost, schedule and technical risks by providing analysis of proposed plans. The Contractor shall identify and manage risks and changes to the plan (risk management and change control).
- 5.4.4 The Contractor shall assist TSA with coordination of program plans and objectives with other organizations and stakeholders.
- 5.4.5 The Contractor shall monitor efforts which will ensure proper execution of TSA approved projects and that project activities are in line with the overall program plan. .
- 5.4.6 The Contractor shall develop and revise operational requirements and conduct special studies and technical analyses in the development of requirements. .
- 5.4.7 The Contractor shall support TSA with the coordination between DHS and other domestic and international partner organizations to identify threats, vulnerabilities and operational considerations to improve TSA security officer image interpretation training and testing.
- 5.4.8 The Contractor shall support the coordination and resolution of critical decisions and corrective actions.
- 5.4.9 The Contractor shall develop and deliver presentations (e.g. PowerPoint), training, and other materials, as well as the duplication, and distribution of these materials. TSA estimates two (2) presentations a month.
- 5.4.10 The Contractor shall analyze the TIP x-ray image library to identify performance trends and provide recommendations for library updates and performance improvements (Semiannually).
- 5.4.11 The Contractor shall provide X-Ray image library performance analysis to support library management decisions with regard to individual or groups of x-ray images.
- 5.4.12 The Contractor shall provide Subject Matter Experts (SME) to support theoretical research, object recognition, statistical design tasks.
- 5.4.13 The Contractor shall collect, consolidate, and track program action items (e.g., capture actions from TIP IPT meetings) as well as actions assigned via email or telephone requests and consolidate them in an action item tracking spreadsheet.



5.4.14 The Contractor shall be required to develop flyers/fact sheets, guides and manuals in support of TIP program objectives. TSA estimates one per month.

5.4.15 The Contractor shall conduct TIP systems integration, TIP systems engineering, operations research, data modeling, human factors research and analysis. At a minimum, this will include monthly importing of raw TIP data into the TIP database, checking for data inconsistencies and duplication of data, and reporting descriptive statistics on TIP performance and compliance.

5.4.16 The Contractor shall coordinate and conduct field demonstrations and pilot projects evaluating technologies and image training effectiveness and suitability under realistic operational conditions. The contractor shall identify airports to be visited, the purpose of the visit, and any administrative and other resource requirements of the airports.

5.4.17 The Contractor shall analyze TIP performance data and coordinate the training function with the technology deployment function to prepare for the use of new technologies in the field, and support the evaluation and application of training on existing technologies.

5.4.18 The Contractor shall assist in the coordination of pilot activities with TSA and appropriate industry and government stakeholders/partners as requested.

5.4.19 The Contractor shall develop two semi-annual reports which provide in-depth analyses on TIP performance at the national, area, category, and airport levels. Additionally, the report shall include list of Best, Most Improved, and Most Room for Improvement performance levels.

5.4.20 The Contractor shall provide the following reports each month. These reports (including their format) are SSI. TSA will provide under separate cover a sample format for each report. TIP Monthly reports shall be due on the first Friday following 30 calendar days from when raw data is received. The contractor will provide the TSA TIP program manager with information regarding missing or incomplete data 5 business days prior to report completion.

5.4.20.1 TIP Monthly Data Analysis Report – This report will consist of TIP compliance and performance data organized in the following sections: Introduction, Scope, Quality and Quantity of Data, Summary Analysis, Airport Analysis Detail, and Privatized Airport Analysis.

5.4.20.2 TIP Performance Report for Security Operations (OSO): Spreadsheet listing the most recent month's non-TIP alarm rates, TIP detection rates (overall and by threat type), and number of TIP presentations for each airport.

5.4.20.3 Non-compliance list for Security Operations (OSO): Spreadsheet listing percent of each airport's shifts exceeding 20, 30, and 40 minutes in duration; TRX/AT machines where a screener accounts for over half of all bags processed; and TRX/AT machines that are not in compliance with TSA ratio guidelines.

5.4.20.4 Data inventory list: List showing files for each reporting TRX/AT machine and indicating airport, airport category, and airport area to which the machine is assigned. Also includes detailed list of problems noted in raw TIP data; pivot tables showing number of TRX/AT machines reporting by airport and by TRX/AT type; and summary table showing the number of reporting TRX/AT files by file number and TRX/AT type.

5.4.20.5 TIP input to Key Metrics Report: Spreadsheet presenting national level non-TIP alarm and TIP detection rates (overall and by threat type) for the past year. Also includes lists of the top and bottom ten airports in terms of detection performance.

5.4.20.6 Comparison data for the Screening Partnership Program (SPP): Non-TIP alarm and TIP detection rates (overall and by threat type) for SPP airports, airport category and area averages, and national averages.

5.4.20.7 Ad hoc reports as requested by TSA. TSA estimates three (3) per month.

### 5.5 Special Project Reports (CLIN 0009 T&M)

The contractor shall be required to provide special project reports, conduct TIP related studies; design special studies; and provide support to special studies. TSA expects the contractor to perform these activities four (4) times during this POP.

### 5.6 Task B Deliverables

Number	Item	Due Date	Recipient	Government Review
1	TIP Images (50 per month)	Monthly	Task B TM	2 business days
2	TIP Library Update Disks	TBD	Airports	2 business days
3	TIP Monthly Data Analysis Report	TIP Monthly reports shall be due on the first Friday following 30 calendar days from when raw data is received.	Task B TM	2 business days
4	TIP Performance Report for OSO	TIP Monthly reports shall be due on the first Friday following 30 calendar days from when raw data is received.	Task B TM	2 business days
5	Non-Compliance List for OSO	TIP Monthly reports shall be due on the first Friday following 30 calendar days from when raw data is received.	Task B TM	2 business days
6	Data Inventory List	TIP Monthly reports shall be due on the first Friday following 30 calendar days from when raw data is received.	Task B TM	2 business days
7	TIP Input to Key Metrics Report	TIP Monthly reports shall be due on the first Friday following 30 calendar days from when raw data is received.	Task B TM	2 business days

8	Comparison Data for SPP	TIP Monthly reports shall be due on the first Friday following 30 calendar days from when raw data is received.	Task B TM	2 business days
9	Special TIP Studies/Reports	As needed	Task B TM	5 business days
10	Configuration Audit Report	June 1, 2011	Task B TM	5 business days
11	Corrective Action Plan	June 1, 2011	Task B TM	5 business days
12	Presentations	As needed	Task B TM	2 business days
13	Flyers/fact sheets, Guides and Manuals	As needed	Task B TM	2 business days
14	TIP Semi-Annual Report	May 1, 2011	Task B TM	5 business days
15	MRFI (Best, Most Improved, and Airports with Most Room for Improvement) Report	November 1, 2011	Task B TM	5 business days

## 5.7 Inspection and Acceptance Criteria

See Section 4.2

## 6. Task C Image Development

### 6.1 Scope

#### 6.1.1 The contractor shall:

6.1.1.1 Produce, acquire, and/or develop security screening training, testing and assessment images.

6.1.1.2 Provide image development support for existing Threat Image Projectory (TIP) Ready X-Ray (TRX), Advanced Technology (AT), Advanced Imaging Technology (AIT), Explosives Detection Systems (EDS), and/or Auto-EDS equipment.

6.1.1.3 Schedule and pilot assessment images.

6.1.1.4 Distribute images via the appropriate administration platform.

6.1.1.5 Provide expertise to analyze image performance and conduct analysis at the component, sub-component levels of the various types of threat items.

#### 6.1.2 The overall structure of Task C Image Development is as follows:

6.1.2.1 Ad-hoc Image Development

6.1.2.2 TRX and Advanced Technology (AT) Image Requirements

6.1.2.2.1 TRX and AT Training Image Requirements

6.1.2.2.2 TRX and AT Assessment Image Requirements

6.1.2.3 Advanced Imaging Technology (AIT) Requirements

6.1.2.3.1 AIT Training Image Requirements

6.1.2.3.2 AIT Assessment Image Requirements (OPTIONAL)

6.1.2.4 Auto-EDS Requirements

6.1.2.4.1 Auto-EDS Training Image Requirements

6.1.2.4.2 Auto-EDS Assessment Image Requirements

6.1.2.4. Auto-EDS Assessment Image Requirements (OPTIONAL)

## 6.2 Ad-hoc Image Development (CLIN 0011 T&M)

6.2.1 The contractor shall develop training images, as required by TSA, to support specialized security training programs, such as, New Hire Training Program, Basic Screener Training, Recurrent Training, Advanced Training, and Emerging Technologies.

6.2.2 Image development shall occur on multiple technologies and machine types (e.g., Rapiscan 520 Series; Rapiscan TRX-U; Rapiscan STIP; Rapiscan WBI; Rapiscan AT; AS&E AIT; Heimann Legacy TIP Systems; Heimann STIP/TRX-U; Smiths Heimann AT; L-3, Provision AIT; L3 Auto-EDS/EDS (Examiner 6000); Analogic Auto-EDS/EDS; CTX Auto-EDS/EDS (2500/5500/9000/9800 CT80).

6.2.3 Government Furnished Equipment (GFE): The contractor shall assume that materials required for this effort are available from Task A.

6.2.4 The contractor shall provide a labor category and labor hour breakdown for any technical direction requested under this CLIN, and receive TSA approval to proceed prior to commencing any work, unless otherwise directed by TSA.

## 6.3 TRX and Advanced Technology (AT) Image Requirements (CLIN 0010 FFP)

6.3.1 TRX and AT Training Image Capture Requirements

6.3.1.1 The contractor shall capture 1000 clear bags and 300 fictional threat images (FTI) for TRX Simulator to augment the TRX and AT training library.

6.3.1.2 Images shall be captured in volumes: clear bags will be 100 images per volume and FTIs shall be captured in 30 image volumes upon award. Images shall be delivered to the TIL in the following forms: .fti, .ceob, and .jpg.

6.3.1.3 The contractor shall provide all tools necessary to convert, prepare, flip or otherwise prepare images for delivery from .fti and .jpg format.

6.3.1.4 Threat images shall be accompanied with Threat Information Files (TIFs) and clear bag images shall be accompanied with Bag Information Files (BIFs).

6.3.1.5 TRX/AT Machine Types

6.3.1.5.1 Perkin-Elmer (LS110-I) TRX

6.3.1.5.2 L-3 Phase II (LS-110-II) TRX

6.3.1.5.3 Rapiscan (520 series) TRX

6.3.1.5.4 Rapiscan TRX-U TRX

6.3.1.5.5 Smiths Heimann TRX

6.3.1.5.6 Rapiscan AT

6.3.1.5.7 Smiths AT

6.3.1.5.8 If the new L-3 ACXMV AT interface and mimicking algorithm has been developed and implemented into TRX Simulator by the time the test distribution is created, the contractor shall incorporate the new L-3 Multi-View AT system in the test distribution assuming the L-3 uses the existing test library.

6.3.2 TRX and AT Assessment Image Requirements

6.3.2.1 The contractor shall NOT be required to produce any TRX and AT Assessment Images.

6.3.2.2 The contractor shall NOT be required to conduct any TRX and AT Assessment Image Pilots.

6.3.2.3 Assessment Software/Hardware Requirements – TRX Simulator

6.3.2.3.1 The contractor shall finalize FY 2012 Test Distribution based on TSA's image analysis. The Test Distribution will consist of Image Interpretation Tests (IIT), Image Mastery Tests (IMT), and Image Mastery Assessments (IMA). TSA will provide final test design for TRX Simulator thirty calendar days prior to delivery.

6.3.2.3.2 The contractor shall provide a DVD solution for installing the TRX Simulator 2012 Test Distributions via an Altiris push.

6.3.2.3.3 The contractor shall provide a translate data method that transmits all image test (IIT, IMT, IMA) results to the PASS Online.

6.3.2.3.4 The contractor shall provide a translate data method that transmits the IIT and IMT image test results to TSA's Online Learning Center (OLC). The OLC will launch TRX simulator using the current applet method and the contractor shall send the data to the return address provided by OLC without further logging or error checking.

6.3.2.3.5 The contractor shall ensure that all IIT/IMT/IMA assessment files are transmitted and stored on the contractor's website. These assessment files may be removed to permanent storage and accessible for at least seven years.

6.3.2.4 Technical Support Requirements

6.3.2.4.1 The contractor shall provide technical support for TRX Simulator in the setup and delivery of assessments.

6.3.2.4.2 The contractor shall track and report on Help Desk activity using already established tracking procedures.

6.3.2.4.3 The contractor shall assist with OHC to ensure assessment results are recorded properly into PASS Online.

6.3.2.5 FY2012 Test Distribution Requirements

6.3.2.5.1 The FY2012 Test Distribution will consist of the following tests and quantities:

6.3.2.5.1.1 Three (3) IIT tests for each machine type. Each test will contain the exact same images and testing criteria (i.e. image time,

session time, scoring criteria, etc.), with only minor adjustments to communications settings if appropriate and will include 75 images.

6.3.2.5.1.2 Five (5) IMT tests for each machine type. Each test will be exactly as it appears today with only minor adjustments to communications settings if appropriate and will include 100 images.

6.3.2.5.1.3 Three (3) IMA tests for each machine type. Each test will consist of 100 images selected by TSA for that particular test.

6.3.2.5.2 The contractor shall develop 3 IMA tests using the following:

6.3.2.5.2.1 For 2012 IMA1, use the new test that was developed for the 2011 IMA, but never implemented.

6.3.2.5.2.2 For 2012 IMA2, reuse the 2010 IMA2.

6.3.2.5.2.3 For 2012 IMA3, reuse the 2010 IMA1.

6.3.2.5.3 TSA will provide all optional settings required for the test distribution.

#### 6.3.2.6 TRX/AT Machine Types

6.3.2.6.1 Perkin-Elmer (LS110-I) TRX

6.3.2.6.2 L-3 Phase II (LS-110-II) TRX

6.3.2.6.3 Rapiscan (520 series) TRX

6.3.2.6.4 Rapiscan TRX-U TRX

6.3.2.6.5 Smiths Heimann TRX

6.3.2.6.6 Rapiscan AT

6.3.2.6.7 Smiths AT

6.3.2.6.8 If the new L-3 ACXMV AT interface and mimicking algorithm have been developed and implemented into TRX Simulator by the time the test distribution is created, the contractor shall incorporate the new L-3 Multi-View AT system in the test distribution assuming the L-3 uses the existing test library.

#### 6.4 Advanced Imaging Technology (AIT) Requirements (CLIN 0010, OPTIONAL CLIN 0012 FFP)

##### 6.4.1 AIT Training Image Requirements (CLIN 0010 FFP)

##### 6.4.1.1 AIT Training Image Capture Requirements

6.4.1.1.1 The contractor shall capture Advanced Imaging Technology (AIT) images for each AIT platform (maximum of 2) using three models per week over the first 11 months of the Period of Performance, for a total of 144 models. The contractor shall capture at least 7 images per model with the reasonable expectation of achieving up to 15 images per model through efficiencies. The images shall contain (b)(3):49 U.S.C. § 114(r)

(b)(3):49 U.S.C. § 114(r) Additionally, the library shall contain "Clear" or innocent images. In addition to "Threat" and "Clear" images, the contractor shall also create Scan Information Files (SIF) for each image. The contractor shall track the type of image (modifiable at OTT discretion), and image difficulty (Easy, Moderate, and Difficult).

6.4.1.1.2 The approximate variation of clear to threat images is (b)(3):49 U.S.C. § 114(r) meaning (b)(3):49 U.S.C. § 114(r)

(b)(3):49 U.S.C. § 114(r)

(b)(3):49 U.S.C. § 114(r)

Images captured shall be placed in the repository and libraries built based upon the following standards. The threat distribution shall provide the optimum distribution of threats by percentage

(b)(3):49 U.S.C. § 114(r)

always summing to (b)(3):49 U.S.C. § 114(r)

The classification of "IED" shall consist of explosives variations with and without all IED components. The classification of "Knife" should consist of knives with blades (b)(3):49 U.S.C. § 114(r) in length or longer. The classification of (b)(3):49 U.S.C. § 114(r) shall consist of all other prohibited items not classified as a (b)(3):49 U.S.C. § 114(r) listed in the current TSA prohibited items list or prohibited on-person through the walk through metal detector.

(b)(3):49 U.S.C. § 114(r)

(b)(3):49 U.S.C. § 114(r)

6.4.1.1.3 The random generation method is generally the method used to present sessions. Based upon the level of difficulty, each session shall have requirements for percentage of images in each of the three difficulty categories (easy, moderate, and difficult). Additionally, threat to scan ratio expressed in percent threat and percent clear (b)(3):49 U.S.C. § 114(r) The threat distribution shall be maintained (e.g., (b)(3):49 U.S.C. § 114(r) always sum to (b)(3):49 U.S.C. § 114(r) for each session. The scan distribution shall be identified by gender/body type (e.g., male, female/large, mid, small, always sum to 100). The use of the same threat item shall not be duplicated in the same zone region and body type per any scan. Diversity of image presentation shall be a dominant factor in the image capture process. Images shall be captured consistent with the standard process for AIT images.

(b)(3):49 U.S.C. § 114(r)

6.4.1.1.4 The user shall be able to select images by type, body type, threat type, difficulty level, or image name. Images shall be filed so that recall of the image identifies all of the following: Clear or Threat image; Threat Type; Male or Female; Body Size; Body Zone; and image name. All versions of an image shall be categorized in the aforementioned manner and shall be presented in both source file format and bitmap and/or jpeg format.

6.4.1.1.5 Body types shall consist of both genders and of ranging sizes (Large, Mid, Small) proportionate to height and weight as determined by a joint working group consisting of TSA, TSL, the contractor team and the OEM.

6.4.1.1.6 The body types shall be divided (b)(3):49 U.S.C. § 114(r)

(b)(3):49 U.S.C. § 114(r)

are depicted in Figure 1; and the sub zones for item placement are provided in Table 1.

6.4.1.1.7 Body Zone Codes: The zones describe the areas where threat items shall be placed; this placement shall be representative of reality and shall not consist of placements that are either not possible or are highly improbable (i.e. Bottom of foot; top of head with no hair or head covering present). The library shall consist of at least one threat per each zone region with the threat distribution broken out into the percentages describe in 1.2.5.1.1.2 (b)(3):49 U.S.C. § 114(r)

(b)(3):49 U.S.C. § 114(r)

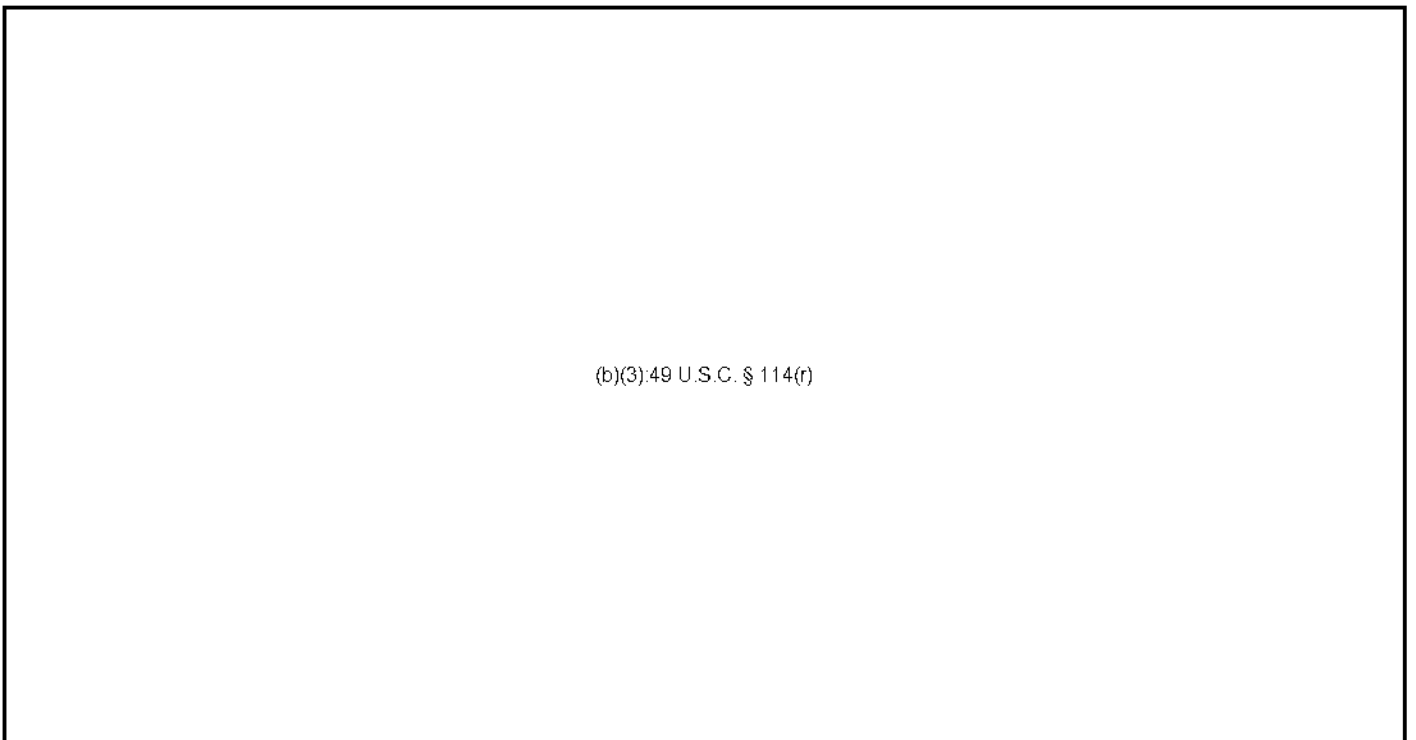
The contractor shall recommend capture specifications to include recommended threats, body type distribution and distribution within zones and work in close partnership with the contractor and TSA to finalize development plans.

6.4.1.1.8 The contractor shall use medical personnel to assist models in dressing and threat placement and to ensure proper sanitation of threat/non-threat items

worn by models. To support privacy concerns, photographs of models will have faces blurred, and actual threat placement will be photographed on mannequins.



Figure 1 ATF Body Zones





(b)(3).49 U.S.C. § 114(r)

#### 6.4.1.2 AIT Machine Types

6.4.1.2.1 L3 millimeter wave

6.4.1.2.2 Rapiscan backscatter

#### 6.4.2 **OPTION A** AIT Assessment Image Requirements (CLIN 0012 FFP)

6.4.2.1 The contractor shall NOT be required to capture AIT Assessment Images.

##### 6.4.2.2 AIT Assessment Image Pilot Requirements

6.4.2.2.1 This pilot is to assess images for using in the 2012 AIT IMAs only.

6.4.2.2.2 The contractor shall develop a pilot design document to achieve the following pilot objectives for TSA approval. The contractor shall price a pilot model consistent with past pilots assuming the ability to place resources where necessary, and when to achieve the desired results within the fixed price labor proposed.

6.4.2.2.3 The contractor shall develop and pilot test distributions of IMA assessment images. Pilot design for this activity will be in collaboration with OHC and S&T experts.

6.4.2.2.4 The contractor shall assist TSA in defining image requirements to support pilot of AIT equipment.

6.4.2.2.5 The contractor shall provide the necessary software setup, hardware and logistics to support the pilots and the retrieval of results. The contractor shall utilize existing GFE (e.g., TRX laptops) for use on the pilot when feasible.

6.4.2.2.6 The contractor shall design and develop necessary reports for TSA to review pilot findings in order to determine images for use in assessments. TSA will approve the report design prior to running the reports and no further report runs will be necessary.

6.4.2.2.7 TSA will provide the number and type of "pilot users" for each image test or assessment. TSA will provide the Test Demographic report as provided in

previous pilot in support of pilot design one week prior to the pilot design meeting.

6.4.2.2.8 TSA will approve the pilot design while vetting the airports to participate and confirming the final list of airports and quantity and type of users for each airport that will be participating in the pilot. After airports have been identified, the contractor shall coordinate with the TSA airport POC to notify the airport of their assigned pilot testing dates.

6.4.2.2.9 TSA OHC will verify with the airport that the number and type of pilot users are available to test at selected airports.

6.4.2.2.10 The contractor shall be prepared to pilot the image tests within 12 business days from receipt of all of the following: approved tests, participating airports, and pilot users. The contractor shall develop mutually agreed to fully integrated schedule which shall govern all due dates throughout the pilot.

6.4.2.2.11 The contractor shall score each test based on TSA supplied equations. Tests will be correctly scored, defect free, and of good quality. GFI will be provided via Technical Direction (TD) from the Task Technical Monitor.

6.4.2.2.12 The contractor shall analyze pilot results and conduct a post pilot debriefing with report that details the results of the pilot. This report will include only data relevant to pilot goals and objectives and not include any test design materials.

6.4.2.2.13 The contractor shall work with OTT and OHC to determine the number of airports to be included in the pilot, the number of evaluators to assist at each airport, and the number of weeks to conduct the pilot.

6.4.2.2.14 The contractor shall determine the number of weeks required for proctor training and pilot preparation.

6.4.2.2.15 The contractor shall provide image test support to include:

6.4.2.2.15.1 Scheduling, administering (proctor) and analyzing pilot test results.

6.4.2.2.15.2 Technical expertise support during image review, development and test creation.

6.4.2.2.15.3 Pilot test support to include test administration, test equipment, test media, and reporting results for analysis.

6.4.2.2.15.4 Subject Matter Expert (SME) Image and equipment expertise in addition to analytical support of test results and data.

#### 6.4.2.3 AIT Assessment Software/Hardware Requirements – TRX Simulator

6.4.2.3.1 The contractor shall finalize FY 2012 Test Distributions based on TSA's image analysis. The Test Distribution will consist of Image Interpretation Tests (IIT), Image Mastery Tests (IMT), and Image Mastery Assessments (IMA). TSA will provide final test design two weeks prior to delivery.

6.4.2.3.2 The contractor shall provide a DVD solution for installing the TRX Simulator 2012 Test Distributions via an Altiris push.

6.4.2.3.3 The contractor shall provide a translate data method that transmits all image test (IIT, IMT, IMA) results to the PASS Online.

6.4.2.3.4 The contractor shall provide a translate data method that transmits the IIT and IMT image test results to TSA's Online Learning Center (OLC). The OLC will launch TRX simulator using the current applet method and the contractor shall send the data to the return address provided by OLC without further logging or error checking.

6.4.2.3.5 The contractor shall ensure that all IIT/IMT/IMA assessment files are transmitted and stored on the contractor's website. These assessment files may be removed to permanent storage and accessible for at least seven years.

#### 6.4.2.4 AIT Technical Support Requirements

6.4.2.4.1 The contractor shall provide technical support to OTT for TRX Simulator in the setup and delivery of assessments.

6.4.2.4.2 The contractor shall track and report on Help Desk activity using already established tracking procedures.

6.4.2.4.3 The contractor shall assist with OHC and its Contractors to ensure assessment results are recorded properly into PASS Online.

#### 6.4.2.5 The final 2012 AIT Test Distribution shall consist of the following:

6.4.2.5.1 Three (3) IIT tests for each machine type. Each test will be exactly as it appears today with only minor adjustments to communications settings if appropriate and will include 90 images.

6.4.2.5.2 Five (5) IMT tests for each machine type. Each test will be exactly as it appears today with only minor adjustments to communications settings if appropriate and will include 90 images.

6.4.2.5.3 Three (3) IMA tests for each machine type. Each test will include 100 images.

#### 6.4.2.6 AIT Machine Types

6.4.2.6.1 L3 millimeter wave

6.4.2.6.2 Rapiscan backscatter

### 6.5. Auto-EDS Requirements (CLIN 0010 FFP, OPTIONAL CLIN 0013 FFP, OPTIONAL CLIN 0014, OPTIONAL CLIN 0015)

#### 6.5.1 Auto-EDS Training Image Requirements (CLIN 0010 FFP)

##### 6.5.1.1 Auto-EDS Training Image Capture Requirements

6.5.1.1.1 The contractor shall provide 200 Auto-EDS training images for the Reveal FUSION, for both Checked Baggage (CB) and Check Point (CP) configuration. The CP images shall be identical to the images already captured for the Analogic COBRA.

6.5.1.1.2 The contractor shall provide 200 Auto-EDS training images for the Analogic COBRA, for Checked Baggage (CB) configuration only.

6.5.1.1.3 Check Point (CP) images shall follow the (b)(3):49 U.S.C. § 114(r) (clear) (threat) mix (b)(3):49 U.S.C. § 114(r)

(b)(3):49 U.S.C. § 114(r) 6.5.1.1.4 Checked Baggage (CB) images shall be as follows (b)(3):49 U.S.C. § 114(r) clear; (b)(3):49 U.S.C. § 114(r) suspect; (b)(3):49 U.S.C. § 114(r) obvious.

6.5.1.1.5 The contractor shall work with TSA to devise the best possible platform for delivery of images that are not currently supported by a simulator.

6.5.1.1.6 The contractor shall support TSA's work with the OEM for the specific TSE to ensure images captured will reliably reproduce on OEM provided simulators. OEMs will test the images as they are developed and confirm their suitability with the specific TSE and Simulator.

6.5.1.1.7 The contractor shall support TSA's work with the OEMs to develop load protocols that effectively load the images into the simulators and establish test protocols for OEMs to validate that the load protocol works effectively with the TSE or associated simulators. To the maximum extent possible, limited by the simulator or TSE, The contractor shall work to develop an auto-run DVD that retains images in encrypted form precluding users from viewing images directly from the DVD.

6.5.1.1.8 Threat images shall be accompanied with Threat Information Files (TIFs) and Bag images shall be accompanied by Bag Information Files (BIFs).

#### 6.5.1.2 Auto-EDS Machine Types

6.5.1.2.1 Analogic COBRA (Both CB and CP format)

6.5.1.2.2 Reveal FUSION (Both CB and CP format)

#### 6.5.2 Auto-EDS Assessment Image Requirements (CLIN 0010 FFP, OPTIONAL CLIN 0013 FFP, OPTIONAL CLIN 0014)

##### 6.5.2.1 Auto-EDS Assessment Image Capture Requirements

###### 6.5.2.1.1 OQT Image Capture (CLIN 0010 FFP)

6.5.2.1.1.1 The contractor shall provide 100 Auto-EDS assessment images for each of the machine types for Checked Baggage (CB) configuration.

6.5.2.1.1.2 Checked Baggage (CB) images shall be as follows: [redacted] clear [redacted] suspect [redacted] obvious.

(b)(3):49 U.S.C. § 114(r)

(b)(3):49 U.S.C. § 114(r)

###### 6.5.2.1.2 **OPTION B** - IIT/IMT/IMA Image Capture (CLIN 0013 FFP)

6.5.2.1.2.1 The contractor shall provide 300 Auto-EDS assessment images for the Analogic COBRA (CP format only).

6.5.2.1.2.2 Check Point (CP) images shall follow the [redacted] clear [redacted] (threat) mix with [redacted]

(b)(3):49 U.S.C. § 114(r)

(b)(3):49 U.S.C. § 114(r)

(b)(3):49 U.S.C. § 114(r)

(b)(3):49 U.S.C. § 114(r)

6.5.2.1.3 The contractor shall work with TSA to devise the best possible platform for delivery of images that are not currently supported by a simulator.

6.5.2.1.4 The contractor shall support TSA's work with the OEM for the specific TSE to ensure images captured will reliably reproduce on OEM provided simulators. OEMs will test the images as they are developed and confirm their suitability with the specific TSE and Simulator.

6.5.2.1.5 The contractor shall support TSA's work with the OEMs to develop load protocols that effectively load the images into the simulators and establish test protocols for OEMs to validate that the load protocol works effectively with the TSE or associated simulators. To the maximum extent possible, limited by

the simulator or TSE, The contractor shall work to develop an auto-run DVD that retains images in encrypted form precluding users from viewing images directly from the DVD.

6.5.2.1.6 Threat images shall be accompanied with Threat Information Files (TIFs) and Bag images shall be accompanied by Bag Information Files (BIFs).

**6.5.2.2 OPTION C - Auto-EDS Assessment Image Pilot Requirements Analogic COBRA (CLIN 0014 FFP)**

6.5.2.2.1 The Auto-EDS Assessment Image Pilot shall be for the Analogic COBRA (CP format) – IMA images only.

6.5.2.2.2 The contractor shall develop a pilot design document to achieve the following pilot objectives for TSA approval. The contractor shall price a pilot model consistent with past pilots assuming the ability to place resources where necessary, and when to achieve the desired results within the fixed price labor proposed.

6.5.2.2.3 The contractor shall develop and pilot the following test distributions: Auto-EDS assessments to be supported using OEM simulator. Pilot design for this activity will be in collaboration with OHC and S&T experts.

6.5.2.2.4 The contractor shall assist TSA in defining image requirements and capture sufficient images to support pilot of Auto-EDS equipment.

6.5.2.2.5 The contractor shall provide the necessary software setup, hardware and logistics to support the pilots and the retrieval of results. The contractor shall utilize existing GFE in Task Order 02 and Task Order 05 inventory (e.g., OEM simulators) for use on the pilot when feasible. The contractor shall configure laptops, ship to airports, return to crystal city for data cleaning, and then return to the TSC.

6.5.2.2.6 The contractor shall design and develop necessary reports for TSA to review pilot findings in order to determine images for use in assessments. TSA will approve the report design prior to running the reports and no further report runs will be necessary.

6.5.2.2.7 TSA will provide the number and type of “pilot users” for each image test or assessment. TSA will provide the Test Demographic report as provided in previous pilot in support of pilot design one week prior to the pilot design meeting.

6.5.2.2.8 TSA will approve the pilot design while vetting the airports to participate and confirming the final list of airports and quantity and type of users for each airport that will be participating in the pilot. After airports have been identified, the contractor shall coordinate with the TSA airport POC to notify the airport of their assigned pilot testing dates.

6.5.2.2.9 TSA OHC will verify with the airport that the number and type of pilot users are available to test at selected airports.

6.5.2.2.10 The contractor shall be prepared to pilot the image tests within 12 business days from receipt of all of the following: approved tests, participating airports, and pilot users. The contractor shall develop mutually agreed to fully integrated schedule which shall govern all due dates throughout the pilot.

6.5.2.2.11 The contractor shall score each test based on TSA supplied equations. Tests shall be correctly scored, defect free, and of good quality.

6.5.2.2.12 The contractor shall analyze pilot results and conduct a post pilot debriefing with report that details the results of the pilot. This report will include only data relevant to pilot goals and objectives and not include any test design materials.

6.5.2.2.13 The contractor shall determine the number of weeks required for proctor training and pilot preparation.

6.5.2.2.14 The contractor shall provide image test support to include:

6.5.2.2.14.1 Scheduling, administering (proctor) and analyzing pilot test results.

6.5.2.2.14.2 Technical expertise support during image review, development and test creation.

6.5.2.2.14.3 Pilot test support to include test administration, test equipment, test media, and reporting results for analysis.

6.5.2.2.14.4 Subject Matter Expert (SME) Image and equipment expertise in addition to analytical support of test results and data.

#### 6.5.2.3 Auto-EDS Assessment Software/Hardware Requirements – OEM Simulator (CLIN 0010 FFP)

6.5.2.3.1 The contractor shall design, develop and implement software to capture assessment results on the OEM simulator and deliver the resulting data to a TSA approved repository (currently OLC). TSA will provide the contractor with a direct post method to the OLC or alternative storage site that currently accepts a direct post of data. The software development activity for this effort will be performed under CLIN 0018 (T&M) as the software to be integrated does not exist today.

6.5.2.3.2 The contractor shall maintain under configuration control, master hard drives (one master and one backup) that can be replicated and installed on necessary simulator hardware. All simulator hardware will be Government Furnished Equipment (GFE).

#### 6.5.2.4 Auto-EDS Technical Support Requirements (CLIN 0010 FFP)

6.5.2.4.1 The contractor shall provide technical support to OTT for OEM Simulator in the setup and delivery of assessments.

6.5.2.4.2 The contractor shall track and report on Help Desk activity using already established tracking procedures.

6.5.2.4.3 The contractor shall assist with OHC and its Contractors to ensure assessment results are recorded properly into PASS Online.

#### 6.5.2.5 Auto-EDS 2012 Test Distribution Requirements (CLIN 0010 FFP)

6.5.2.5.1 The FY2012 Test Distribution for Analogic COBRA (CP format) shall consist of the following tests and quantities:

6.5.2.5.1.1 Two (2) IIT tests for each machine type. Each test will contain the exact same images and testing criteria (i.e. image time,

session time, scoring criteria, etc.), with only minor adjustments to communications settings if appropriate and will include 75 images.

6.5.2.5.1.2 Three (3) IMT tests for each machine type. Each test will be exactly as it appears today with only minor adjustments to communications settings if appropriate and will include 100 images.

6.5.2.5.1.3 Three (3) IMA tests for each machine type. Each test will include 100 images.

6.5.2.5.2 TSA will provide all optional settings required for the test distribution.

#### 6.5.2.6 Auto-EDS Machine Types

6.5.2.6.1 Analogic COBRA (Both CB and CP format)

6.5.2.6.2 Reveal FUSION (Both CB and CP format)

#### 6.5.3 **OPTION D:** Auto-EDS Assessment Image Requirements (CLIN 0015 FFP)

##### 6.5.3.1 Auto-EDS Assessment Image Capture Requirements

###### 6.5.3.1.1 IIT/IMT/IMA Image Capture

6.5.3.1.1.1 The contractor shall provide 750 Auto-EDS assessment images for the Reveal FUSION (CP format only). The CP images shall be identical to the images already captured for the Analogic COBRA.

6.5.3.1.1.2 Check Point (CP) images shall follow the (b)(3) 49 U.S.C. § 114(r) (clear) (threat) mix with (b)(3) 49 U.S.C. § 114(r)

(b)(3) 49 U.S.C.  
§ 114(r)

6.5.3.1.2 The contractor shall work with TSA to devise the best possible platform for delivery of images that are not currently supported by a simulator.

6.5.3.1.3 The contractor shall support TSA's work with the OEM for the specific TSE to ensure images captured will reliably reproduce on OEM provided simulators. OEMs will test the images as they are developed and confirm their suitability with the specific TSE and Simulator.

6.5.3.1.4 The contractor shall support TSA's work with the OEMs to develop load protocols that effectively load the images into the simulators and establish test protocols for OEMs to validate that the load protocol works effectively with the TSE or associated simulators. To the maximum extent possible, limited by the simulator or TSE, The contractor shall work to develop an auto-run DVD that retains images in encrypted form precluding users from viewing images directly from the DVD.

6.5.3.1.7 Threat images shall be accompanied with Threat Information Files (TIFs) and Bag images shall be accompanied by Bag Information Files (BIFs).

##### 6.5.3.2 Auto-EDS Assessment Image Pilot Requirements

6.5.3.2.1 The Auto-EDS Assessment Image Pilot shall be conducted for the Reveal FUSION (CP format) – IIT/IMT/IMA images.

6.5.3.2.2 The contractor shall develop a pilot design document to achieve the following pilot objectives for TSA approval. The contractor shall price a pilot model consistent with past pilots assuming the ability to place resources where

necessary, and when to achieve the desired results within the fixed price labor proposed.

6.5.3.2.3 The contractor shall develop and pilot the following test distributions: Auto-EDS assessments to be supported using OEM simulator. Test Distribution will consist of IIT/IMT/IMA pilot assessment images. Pilot design for this activity will be in collaboration with OHC and S&T experts.

6.5.3.2.4 The contractor shall assist TSA in defining image requirements and capture sufficient images to support pilot of Auto-EDS equipment.

6.5.3.2.5 The contractor shall provide the necessary software setup, hardware and logistics to support the pilots and the retrieval of results. The contractor shall utilize existing GFE in Task Order 02 and Task Order 05 inventory (e.g., OEM simulators) for use on the pilot when feasible. The contractor shall configure laptops in Crystal City, ship to airports, return to crystal city for data cleaning, and then return to the TSC.

6.5.3.2.6 The contractor shall design and develop necessary reports for TSA to review pilot findings in order to determine images for use in assessments. TSA will approve the report design prior to running the reports and no further report runs will be necessary.

6.5.3.2.7 TSA will provide the number and type of "pilot users" for each image test or assessment. TSA will provide the Test Demographic report as provided in previous pilot in support of pilot design one week prior to the pilot design meeting.

6.5.3.2.8 TSA will approve the pilot design while vetting the airports to participate and confirming the final list of airports and quantity and type of users for each airport that will be participating in the pilot. After airports have been identified, the contractor shall coordinate with the TSA airport POC to notify the airport of their assigned pilot testing dates.

6.5.3.2.9 TSA OHC will verify with the airport that the number and type of pilot users are available to test at selected airports.

6.5.3.2.10 The contractor shall be prepared to pilot the image tests within 12 business days from receipt of all of the following: approved tests, participating airports, and pilot users. The contractor shall develop mutually agreed to fully integrated schedule which shall govern all due dates throughout the pilot.

6.5.3.2.11 The contractor shall score each test based on TSA supplied equations. Tests will be correctly scored, defect free, and of good quality.

6.5.3.2.12 The contractor shall analyze pilot results and conduct a post pilot debriefing with report that details the results of the pilot. This report will include only data relevant to pilot goals and objectives and not include any test design materials.

6.5.3.2.13 The contractor shall determine the number of weeks required for proctor training and pilot preparation.

6.5.3.2.14 The contractor shall provide image test support to include:

6.5.3.2.14.1 Scheduling, administering (proctor) and analyzing pilot test results.



6.5.3.2.14.2 Technical expertise support during image review, development and test creation.

6.5.3.2.14.3 Pilot test support to include test administration, test equipment, test media, and reporting results for analysis.

6.5.3.2.14.4 Subject Matter Expert (SME) Image and equipment expertise in addition to analytical support of test results and data.

#### 6.5.3.3 Auto-EDS Assessment Software/Hardware Requirements – OEM Simulator

6.5.3.3.1 The contractor shall design, develop and implement software to capture assessment results on the OEM simulator and deliver the resulting data to a TSA approved repository (currently OLC). TSA will provide the contractor with a direct post method to the OLC or alternative storage site that currently accepts a direct post of data. The software development activity for this effort will be performed under CLIN 0018 (T&M) as the software to be integrated does not exist today.

6.5.3.3.2 The contractor shall maintain under configuration control, master hard drives (one master and one backup) that can be replicated and installed on necessary simulator hardware. All simulator hardware will be Government Furnished Equipment (GFE).

#### 6.5.3.4 Auto-EDS Technical Support Requirements

6.5.3.4.1 The contractor shall provide technical support to OTT for OEM Simulator in the setup and delivery of assessments.

6.5.3.4.2 The contractor shall track and report on Help Desk activity using already established tracking procedures.

6.5.3.4.3 The contractor shall assist with OHC and its Contractors to ensure assessment results are recorded properly into PASS Online.

#### 6.5.3.5 Auto-EDS 2012 Test Distribution Requirements

6.5.3.5.1 The FY2012 Test Distribution for Reveal FUSION (CP format) will consist of the following tests and quantities:

6.5.3.5.1.1 Two (2) IIT tests for each machine type. Each test will include 75 images.

6.5.3.5.1.2 Three (3) IMT tests for each machine type. Each test will include 100 images.

6.5.3.5.1.3 Three (3) IMA tests for each machine type. Each test will include 100 images.

6.5.3.5.2 TSA will provide all optional settings required for the test distribution.

#### 6.5.3.6 Auto-EDS Machine Types

6.5.3.6.1 Analogic COBRA (Both CB and CP format)

6.5.3.6.2 Reveal FUSION (Both CB and CP format)

## 6.6. Summary of Requirements Matrix

Contract Requirement	Simulator Platform	Machine Type	Equipment	Config	Training Image Capture	Test Distribution Type	Test Image Capture	IIT/IMT/IMA Image Pilot	Test Distribution
Base	TRX Sim	TRX and AT	Smiths, Rapiscan, L-3, P-E, Smiths AT, and Rapiscan AT (L3 AT)	n/a	1,000 Clear 300 Threat	IIT/IMT/IMA	n/a	n/a	FY2012 Test Distribution: IIT: 3 Tests of 75 images (already developed) IMT: 5 Tests of 100 images (already developed) IMA: 3 Tests of 100 images (re create)
Base	TRX Sim	AIT	L3 and Rapiscan	n/a	144 models				
OPTION A	TRX Sim	AIT	L3 and Rapiscan	n/a		IIT/IMT/IMA	n/a	IMA images only	FY2012 Test Distribution: IIT: 3 Tests of 90 images (already developed) IMT: 5 Tests of 90 images (already developed) IMA: 3 Tests of 100 images (create) OQT1: 50 images OQT2: 50 images OQT3: 50 images OQT4: 50 images
Base	OEM Sim	Auto EDS	Analogic COBRA	CB	200 images	OQT	100 images		
Base	OEM Sim	Auto EDS	Reveal FUSION	CB	200 images	OQT	100 images		
Base	OEM Sim	Auto EDS	Reveal FUSION	CP	200 images *				
OPTION B	OEM Sim	Auto EDS	Analogic COBRA	CP		IIT/IMT/IMA	300 images for IMA **		
OPTION C	OEM Sim	Auto EDS	Analogic COBRA	CP		IIT/IMT/IMA		IMA images only	FY2012 Test Distribution: IIT: 2 Tests of 75 images (already developed) IMT: 3 Tests of 100 images (already developed) IMA: 3 Tests of 100 images (create) FY2012 Test Distribution: IIT: 2 Tests of 75 images (create) IMT: 3 Tests of 100 images (create) IMA: 3 Tests of 100 images (create)
OPTION D	OEM Sim	Auto EDS	Reveal FUSION	CP		IIT/IMT/IMA	750 images *	all images	

\* - The images shall be identical to the images already captured for the Analogic COBRA.

\*\* - These images will consist of a) What is left over from the current pilot, and b) What needs to be captured to end up with 300 usable IMA images.

## 6.7. Task C Deliverables

Deliverable #	Deliverable Title	Due Date	Recipient	Government Review
1	TRX/AT – 1000 Clear Bags, 300 FTIs	FY2012, Q1 (Oct – Dec 2011)	Task C TM	10 Business Days
2	TRX/AT – FY2012 Test Distribution	FY2012, Q1 (Oct – Dec 2011)	Task C TM	10 Business Days
3	AIT – 400 Training Images	FY2011, Q3 (Apr – Jun 2011)	Task C TM	5 Business Days
4	Auto-EDS – 600 Training Images: 200 FUSION (CP) 200 FUSION (CB) 200 COBRA (CB)	FY2011, Q3 (Apr – Jun 2011)	Task C TM	5 Business Days
5	Auto-EDS – 200 OQT Assessment Images: 100 FUSION (CB) 100 COBRA (CB)	FY2011, Q4 (Jul – Sep 2011)	Task C TM	5 Business Days
6 – OPTION A	AIT – FY2012 Test Distribution	FY2011, Q4 (Jul – Sep 2011)	Task C TM	10 Business Days

7 – OPTION B	300 Auto-EDS IMA Assessment Images for COBRA (CP only).	FY2011, Q3 (Apr – Jun 2011)	Task C TM	5 Business Days
8 – OPTION C	Auto-EDS FY2012 Test Distribution (Analogic COBRA)	FY2011, Q4 (Jul – Sep 2011)	Task C TM	10 Business Days
9 – OPTION D	750 Auto-EDS IIT/IMT/IMA Assessment Images for FUSION (CP only)	FY2012, Q1 (Oct – Dec 2011)	Task C TM	5 Business Days
10 – OPTION D	Auto-EDS – FY2012 Test Distribution (Reveal Fusion)	FY2012, Q1 (Oct – Dec 2011)	Task C TM	10 Business Days

#### 6.8. Inspection and Acceptance Criteria

See Section 4.2.

### 7. **Task D - Image Library**

#### 7.1. TRX Simulator Library Management (CLIN 0016 FFP)

7.1.1 The contractor shall augment the existing TRX Simulator training library with 1,000 new clear bag images and 300 new fictional threat images (FTIs).

7.1.2 The clear bag images shall contain Bag Information Files (BIFs) that consist of a visual picture of the bag and its contents, and a description of the items contained within the bag.

7.1.3 The threat bag images shall contain Threat Information Files (TIFs) that consist of both a visual and X-ray picture of the threat, and a description of the threat item.

7.1.4 The clear bag and threat images shall be accessible in all TRX and AT simulation modules of TRX Simulator. The contractor shall develop an Altiris delivery package to upload the images.

#### 7.2. AIT Simulator Library Management (CLIN 0016 FFP)

7.2.1 The contractor shall augment the existing TRX Simulator training library with 400 new training images.

7.2.2 The images shall contain Scan Information Files (SIFs) that consist of a visual picture of the model and contents for each “Clear” image.

7.2.3 The images shall contain Threat Information Files (TIFs) that consist of both a visual and AIT picture of the threat, and a description of the threat item, for each “Threat” image.

7.2.4 The images shall be accessible in all AIT simulation modules of TRX Simulator. The contractor shall develop an Altiris delivery package to upload the images.

### 7.3. Auto-EDS Simulator Library Management (CLIN 0016 FFP)

7.3.1 The contractor shall develop a training library for each auto-EDS platform consisting of 200 images. The contractor shall work with the OEMs to develop load protocols that effectively load the images into the simulators and establish test protocols for OEMs to validate that the load protocol works effectively with the TSE or associated simulators. The contractor shall strive to create an auto-load functionality to support simulators.

7.3.2 Training Image Delivery. For each set of 200 training images, they shall be delivered in the following format:

7.3.2.1 Demo session of 10 images. The contractor shall work with TSA to identify the best mix for the images.

7.3.2.2 Bag set of 50 images. The contractor shall work with TSA to identify the best mix for the images.

7.3.2.3 Bag set of 140 images. The contractor shall work with TSA to identify the best mix for the images.

7.3.2.4 Image sets shall be delivered on the OEM training simulator.

7.3.3 OQT Assessment Image Delivery. For each set of 100 OQT assessment images, they shall be delivered in the following format:

7.3.3.1 Two assessments of 50 images each.

7.3.3.2 The contractor shall work with TSA to identify the best mix for the images.

7.3.3.3 Image sets shall be delivered on the OEM training simulator.

### 7.4. Task D Deliverables

Deliverable #	Item	Due Date	Deliverable Recipient	Government Review
1	TRX/AT – TRX Sim Training Library (1000 Clear Bags/300 FTIs)	FY2012, Q1 (Oct – Dec 2011)	Task D Technical Monitor	10 Business Days
2	AIT – TRX Sim Training Library (400 Training Images)	FY2012, Q1 (Oct – Dec 2011)	Task D Technical Monitor	10 Business Days
3	Auto-EDS – 200 COBRA (CB) Training Images	FY2011, Q4 (Apr – Jun 2011)	Task D Technical Monitor	5 Business Days
4	Auto-EDS – 200 FUSION (CB) Training Images	FY2011, Q4 (Jul – Sep 2011)	Task D Technical Monitor	5 Business Days
5	Auto-EDS – 200 FUSION (CP) Training Images	FY2011, Q4 (Jul – Sep 2011)	Task D Technical Monitor	5 Business Days

Deliverable #	Item	Due Date	Deliverable Recipient	Government Review
6.	Auto-EDS – 100 COBRA (CB) OQT Images	FY2011, Q3 (Apr – Jun 2011)	Task D Technical Monitor	5 Business Days
7	Auto-EDS – 100 FUSION (CB) OQT Images	FY2011, Q4 (Jul – Sep 2011)	Task D Technical Monitor	5 Business Days
8 – OPTION A	AIT – FY2012 Test Distribution For TRX Simulator.	FY2012, Q1 (Oct – Dec 2011)	Task C Technical Monitor	10 Business Days
9 – OPTION B	300 Auto-EDS IMA Assessment Images for COBRA (CP only) For OEM Simulator	FY2011, Q3 (Apr – Jun 2011)	Task C Technical Monitor	5 Business Days
10 – OPTION C	Auto-EDS – FY2012 Test Distribution (Analogic COBRA) For OEM Simulator	FY2011, Q4 (Jul – Sep 2011)	Task C Technical Monitor	10 Business Days
11 – OPTION D	750 Auto-EDS IIT/IMT/IMA Assessment Images for FUSION (CP only) For OEM Simulator.	FY2012, Q1 (Oct – Dec 2011)	Task C Technical Monitor	5 Business Days
12 – OPTION D	Auto-EDS – FY2012 Test Distribution (Reveal FUSION) For OEM Simulator.	FY2012, Q1 (Oct – Dec 2011)	Task C Technical Monitor	10 Business Days

#### 7.5. Inspection and Acceptance Criteria

See Section 4.2

### 8.Task E - Image Simulator Support

#### 8.1. TRX Simulator Family (CLIN 0017.FFP)

The Contractor shall maintain existing learning technology products (e.g., TIP Ready X-ray (TRX) Simulator, Test Development Utility (TDU) and Test Results Manager (TRM)).

## 8.2 Data Management/Change Management (CLIN 0017 FFP)

8.2.1 The Contractor shall use a formal change management process.

8.2.2 The Contractor shall make available documentation of the change management process to TSA upon request of the Technical Monitor(TM).

8.2.3 The contractor shall provide a Data Management Plan (DMP) that specifically outlines all data interface requirements. The contractor shall not be required to provide Proprietary System Database Design documentation. TSA will submit the DMP to Office Information Technology (OIT) Enterprise Data Management (EDM).

8.2.4 All images and data within the database are property of TSA.

## 8.3 Requirements Recommendations/Development (CLIN 0017 FFP)

8.3.1 The Contractor shall support collaboration with multiple developers and original equipment manufacturers (OEMs) and recommend changes based upon communications with various stakeholders; recommendations received from help desk support activity; and recommendations based on anticipated training or equipment changes.

8.3.2 The Contractor shall provide a baseline (As Is) functional requirements document representing the "as-is" state of TRX Simulator at the time of award of this task order.

8.3.2.1 Functional requirements shall be developed using the highlighted areas of Attachment O, "DHS Systems Engineering Lifecycle Functional Requirements Document," as guidance. Requirements shall be maintained in accordance with software development best practices.

8.3.3 The Contractor shall deliver an updated functional requirements document via a Change Request Form (CRF) for all simulator software development, including but not limited to major version upgrades, minor releases, bug fixes, and OEM software modifications.

8.3.3.1 A traceability matrix shall be developed linking each functional requirement to the associated test cases/steps.

8.3.4 The Contractor shall analyze the requirements to determine if any cost savings can be achieved by leveraging common area development techniques.

8.3.5 The Contractor shall participate in any TSA Integrated Product Team (IPT), as required, to support the development of requirements.

8.3.6 The Contractor shall provide technical expertise for requirements development, requirements analysis, change management evaluation, design, maintenance and update of training simulators for TSA approved Security Equipment in order to meet TSA training and testing needs.

8.3.7 The Contractor shall provide a requirements repository. The repository shall be sortable and/or searchable by release number (implemented or targeted), date entered into repository, and the source of the requirement. The Contractor shall propose the format/delivery method for this repository.

8.3.7.1 The repository shall come populated with all the requirements contained in the TRX Simulator contained in "as-is" document, as well currently documented requirements for future releases. The "as-is" requirements shall be noted as "existing" for the sortable/searchable data elements identified in 8.3.7.

8.3.8. The Contractor shall work in close partnership with TSA to develop requirements for fully or partially integrated solutions to ensure stand alone systems have capability to communicate with existing critical TSA sites such as Pass On-Line.

8.3.9 Any interface requirements for TRX Simulator to PASS Online, OLC and other TSA systems as outlined in the SOW will be developed under the guidance of TSA OTT with input from OIT; and with technical representation from each of these other system groups.

#### 8.4 Training Laptop Configuration Management (CLIN 0017 FFP)

The Contractor shall maintain training laptop image ensuring the images contain the latest TRX Simulator software, training sessions, images, assessments, curriculum and updates.

#### 8.5 Software Upgrades (CLIN 0017FFP)

8.5.1 The Contractor shall provide or support development of the following for TSA simulation software:

8.5.1.1 TRX SIM Software Management – One (1) Major Version Upgrade (L3 AT)

8.5.1.2 TRX SIM Software Management – One (1) Minor Service Release Upgrade (new image library)

8.5.1.3 TRX SIM Software Management - Up to three (3) parallel proof-of-concept pilot systems in support of distributed training model (client-server/virtual desktop) effort. Deliverables shall consist of Microsoft Installer (MSI) packages not to exceed nine (9) in number.

8.5.1.4 TRX SIM Session Development – Two (2) TRX/AT custom sessions per month (Fifty [50] bag max, one [1] weapons session, one [1] IED session) to be delivered packaged for Altiris delivery on a quarterly basis.

8.5.1.5 TRX SIM Software Deliverables – Two (2) Software Upgrades and four (4) Additional Software updates packaged for Altiris delivery.

8.5.1.6 TRX SIM Documentation – Two (2) On-Line User Guide Upgrades, two (2) Software Upgrade Announcements

8.5.2 The contractor shall be required to make necessary modification to TRX system interfaces as required, within a mutually agreed to time frame between the contractor, TSA OTT and TSA, to comply with changes to PASS Online, OLC, and other TSA systems. These modifications may be required within a short time frame to address data security issues (e.g., OLC replacing use of individual SSNs)

8.6. Software Testing (CLIN 0017 FFP)

8.6.1 The Contractor shall follow industry best practices for software testing for all software development.

8.6.2 The Contractor shall deliver a Test Plan for each software release. The scope of testing shall be defined in the Test Plan. The Test Plan shall be delivered with 10 Business Days after acceptance of the baseline functional requirements for the release.

8.6.3 The Contractor shall provide support for independent testing efforts as requested during software development efforts.

8.6.4 The Contractor shall provide documentation of test results.

8.6.5 Any changes to TRX system interfaces with PASS Online, OLC, and other TSA systems shall be tested and approved with those systems prior to implementation.

8.7. Configuration Management/Emerging Technologies Support (CLIN 0017 FFP, CLIN 0018 T&M)

8.7.1 The Contractor shall provide the following for OEM simulation software and/or hardware (CLIN 0017 FFP):

8.7.1.1 The Contractor shall support Configuration Management of Simulator Systems (e.g. TRX SIM, contract laptops, EDS SIMs, AIT Sims) and their respective Image Libraries.

8.7.1.2 Technical personnel shall work with OST and OTT to analyze new Security Technologies as they are developed to determine impacts on training delivery tools (simulators) and/or procedures.

8.7.1.3 OEM SIM Image Management – one (1) AIT Training Library Image Prep and Delivery. Advanced Imaging Technology (AIT) image library consisting of images identified in a joint working group of TSA, TSL, and the Contractor made up of threat and clear images per AIT platform (maximum of two (2)).

8.7.1.4 OEM SIM Image Management – one (1) AIT Assessment Library Image Prep and Delivery.

8.7.1.5 The technology team shall function as liaison under the purview of the TM with Curriculum development, logistics, and training delivery within the Contractor team.

8.7.2 The Contractor shall provide the following for OEM simulation software and/or hardware (CLIN 0018 T&M):

8.7.2.1 OEM SIM Maintenance Management (This includes AIT, EDS and new Emerging Technology equipment.), including not limited to troubleshooting of all OEM SIM issues, software engineering as required to support TSA mission needs, and replacement of defective hardware.

8.8 The contractor shall comply with all security and privacy requirements as detailed within the base contract HSTS01-09-D-OSO900 and Section I- Contract Clauses Terms and Conditions of this Task Order.



## 8.9. Task E Section 508 Compliance Determination

### 8.9.1 Accessibility Requirements (Section 508)

8.9.1.1 Section 508 of the Rehabilitation Act, as amended by the Workforce Investment Act of 1998 (P.L. 105-220) requires that when Federal agencies develop, procure, maintain, or use electronic and information technology (EIT), they must ensure that it is accessible to people with disabilities. Federal employees and members of the public who have disabilities must have equal access to and use of information and data that is comparable to that enjoyed by non-disabled Federal employees and members of the public.

8.9.1.2 All EIT deliverables within this work statement shall comply with the applicable technical and functional performance criteria of Section 508 unless exempt. Specifically, the following applicable EIT accessibility standards have been identified:

### 8.9.2 Section 508 Applicable EIT Accessibility Standards

8.9.2.1 36 CFR 1194.21 Software Applications and Operating Systems, applies to all EIT software applications and operating systems procured or developed under this work statement including but not limited to GOTS and COTS software. In addition, this standard is to be applied to Web-based applications when needed to fulfill the functional performance criteria. This standard also applies to some Web based applications as described within 36 CFR 1194.22.

8.9.2.2 36 CFR 1194.22 Web-based Intranet and Internet Information and Applications, applies to all Web-based deliverables, including documentation and reports procured or developed under this work statement. When any Web application uses a dynamic (non-static) interface, embeds custom user control(s), embeds video or multimedia, uses proprietary or technical approaches such as, but not limited to, Flash or Asynchronous Javascript and XML (AJAX) then 1194.21 Software standards also apply to fulfill functional performance criteria.

8.9.2.3 36 CFR 1194.24 Video and Multimedia Products, applies to all video and multimedia products that are procured or developed under this work statement. Any video or multimedia presentation shall also comply with the software standards (1194.21) when the presentation is through the use of a Web or Software application interface having user controls available.

8.9.2.4 36 CFR 1194.25 Self Contained, Closed Products, applies to all EIT products such as printers, copiers, fax machines, kiosks, etc. that are procured or developed under this work statement.

8.9.2.5 36 CFR 1194.26 Desktop and Portable Computers, applies to all desktop and portable computers, including but not limited to laptops and personal data assistants (PDA) that are procured or developed under this work statement.

8.9.2.6 36 CFR 1194.31 Functional Performance Criteria, applies to all EIT deliverables regardless of delivery method. All EIT deliverable shall use technical standards, regardless of technology, to fulfill the functional performance criteria.

8.9.2.7 36 CFR 1194.41 Information Documentation and Support, applies to all documents, reports, as well as help and support services. To ensure that documents and reports fulfill the required 1194.31 Functional Performance Criteria, they shall comply with the technical standard associated with Web-based Intranet and Internet Information and Applications at a minimum. In addition, any help or support provided in this work statement that offer telephone support, such as, but not limited to, a help desk shall have the ability to transmit and receive messages using TTY.

#### 8.9.3 Section 508 Applicable Exceptions

8.9.3.1 Exceptions for this work statement have been determined by DHS and only the exceptions described herein may be applied. Any request for additional exceptions shall be sent to the COTR and determination will be made in accordance with DHS MD 4010.2. DHS has identified the following exceptions that may apply: 36 CFR 1194.3(b) Incidental to Contract, all EIT that is exclusively owned and used by the contractor to fulfill this work statement does not require compliance with Section 508. This exception does not apply to any EIT deliverable, service or item that will be used by any Federal employee(s) or member(s) of the public. This exception only applies to those contractors assigned to fulfill the obligations of this work statement and for the purposes of this requirement, are not considered members of the public.

8.9.3.2 DHS has reviewed this acquisition request and has determined that a Fundamental Alteration exception for the purposes of Section 508 applies and is thereby authorized. Fundamental Alteration Exception #4108 has been attached and included in the contract file.

#### 8.9.4. Section 508 Compliance Requirements

36 CFR 1194.2(b) (COTS/GOTS products). When procuring a product, each agency shall procure products which comply with the provisions in this part when such products are available in the commercial marketplace or when such products are developed in response to a Government solicitation. Agencies cannot claim a product as a whole is not commercially available because no product in the marketplace meets all the standards. If products are commercially available that meet some but not all of the standards, the agency must procure the product that best meets the standards. When applying this standard, all procurements of EIT shall have documentation of market research that identify a list of products or services that first meet the agency business needs, and from that list of products or services, an analysis that the selected product met more of the accessibility requirements than the non-selected products as required by FAR 39.2. Any selection of a product or service that meets less accessibility standards due to a significant difficulty or expense shall only be permitted under an undue burden claim and requires authorization from the DHS Office of Accessible Systems and Technology (OAST) in accordance with DHS MD 4010.2.

#### 8.10 Enterprise Architecture

All solutions and services shall meet DHS Enterprise Architecture policies, standards, and procedures. Specifically, the contractor shall comply with the following Homeland Security Enterprise Architecture (HLS EA) requirements:

- All developed solutions and requirements shall be compliant with the HLS EA.
- All IT hardware and/or software shall be compliant with the DHS EA Technical Reference Model (TRM) Standards and Products Profile.

- Description information for all data assets, information exchanges and data standards, whether adopted or developed, shall be submitted to the Enterprise Data Management Office (EDMO) for review and insertion into the DHS Data Reference Model and Enterprise Architecture Information Repository.
- In compliance with OMB mandates, all network hardware shall be IPv6 compatible without modification, upgrade, or replacement."

#### 8.11 Task E Deliverables

#	Deliverable	Due Date	Deliverable Recipient	Government Review
1	Major Version Upgrade	3 <sup>rd</sup> Quarter FY 2011	Task Order TM	30 Business Days
2	Three Proof-of-Concept releases	As agreed upon by TSA and Contractor	Task Order TM	30 Business Days
3	Minor Service Release	2 <sup>nd</sup> Quarter FY 2011	Task Order TM	20 Business Days
4	TRX Sim Documentation	Concurrent with each Major or Minor release	Task Order TM	10 Business Days
5	Four wrapped Altiris releases outside major or minor releases	As needed	Task Order TM	10 Business Days
6	Quarterly TRX Simulator Session Set (1 EID & 1 General Session per month) packaged for Altiris Delivery	60 Days prior to the beginning of each Quarter (April 1, 2011; June 1, 2011; September 1, 2011; January 2, 2012)	Task Order TM	10 Business Days
7	TRX Simulator (As-Is) Functional Requirements Document	120 days from date of award	Task Order TM	10 Business Days
8	TRX Simulator (updated) Functional Requirements Document	Concurrent with the kickoff of each software development effort	Task Order TM	10 Business Days
9	Requirements Traceability Matrix	Draft concurrent with the kickoff of each software development effort, Final concurrent with the kickoff of testing	Task Order TM	10 Business Days
10	TRX Simulator Requirements Repository	120 days from date of award	Task Order TM	15 Business Days
11	Test Plan (for each software release)	Draft 10 Business Days after approval of functional requirements (i.e., CRF). Final at testing kickoff.	Task Order TM	10 Business Days
12	Test Results (for each	10 Business Days from	Task Order TM	10 Business Days

#	Deliverable	Due Date	Deliverable Recipient	Government Review
	Test Plan)	completion of testing.		
13	Data Management Plan (DMP)	25 Business from award	Task Order TM	15 Business Days

#### 8.12 Inspection and Acceptance Criteria

See Section 4.2

#### 8.13. Task E Applicable Documents

Attachment O – “DHS Systems Engineering Lifecycle Functional Requirements Document”

### 9. Task F Threat Kit Program

#### 9.1. Scope

9.1.1 TSA continually increases the overall quality of training to improve transportation security performance; OTT provides threat training kits and training aids that help to identify prohibited items, explosives, and other dangerous articles. The Office of Security Operations (OSO) uses threat tool kits at airports for the Aviation Screening Assessment Program (ASAP). The Office of Inspection (OI) conducts covert testing to identify vulnerabilities in transportation security systems. OI Teams uses training kits and non-kit items for in the performance of their security assessment and training duties. OHC uses Practical Skills Evaluation (PSE) kits to assess TSA PASS performance. In support of this effort, the contractor shall:

- 9.1.1.1 Update existing threat kits that help security officers to identify prohibited items, explosives, and other dangerous articles.
- 9.1.1.2 Develop or acquire threat devices and threat items.
- 9.1.1.3 Develop threat items.
- 9.1.1.4 Develop threat training aids.
- 9.1.1.5 Develop training manuals for kit usage and other appropriate documentation.
- 9.1.1.6 Develop, manufacture, and deliver training kits and training aids to TSA entities.
- 9.1.1.7 Maintain all training kits and training aids.

#### 9.2. Threat Kit Program Support (CLIN 0019 FFP)

9.2.1. The contractor shall provide configuration management, property management, and part number management for all phases of the manufacture and maintenance of the training kits/aids as listed as GFE/GFP under Task Order 02 in Base Contract HSTS01-09-D-OSO900. Included with the kits/aid will be a printed document and CD containing instructions on how to use; and protocols for usage, security and control. Task F Attachments A through N Task F contains Kit description, components and contents for each kit described below:

- 9.2.1.1. Modular Bomb Set (MBS) 2 (Attachment A)
- 9.2.1.2. MBS 2A (Attachment B)
- 9.2.1.3. Improvised Explosive Device (IED) Baseline Training Kit A (Attachment C)
- 9.2.1.4. Liquid Explosives Training Kit (Attachment D)

- 9.2.1.5. Technical Support Working Group (TSWG) Explosives Training Kit (Attachment E)
- 9.2.1.6. IED Component Display Board (Attachment F)
- 9.2.1.7. Weapons Training Kit (Attachment G)
- 9.2.1.8. Thumbprint Quality Control (TQC) (Attachment H)
- 9.2.1.9. IED Accessory Kit (Attachment I)
- 9.2.1.10. Bottle Liquid Scanner (BLS) Training Kit (Attachment J)
- 9.2.1.11. Practical Skills Evaluation (PSE) Training Kit (Attachment K)
- 9.2.1.12. Walk Thru Metal Detector (WTMD) Calibration Test Pieces (Three Gun Kit) (Attachment L)
- 9.2.1.13. Generic IED Training Kit (Attachment M)
- 9.2.1.14. Generic Weapons Training Kit (Attachment N)

9.2.2. The contractor shall provide maintenance on training kits and materials.

Kits requiring maintenance	Count**	
MBS II		(b)(4)
MBS IIA		
IED Baseline Training Kit A		
Weapons Training Kit		
Liquid Explosives Training Kit		
TSWG Explosives Training Kit		
IED Component Display Board		
TQC		
E-WTMD Test Pieces:		
DA		
BR		
NAA		
PSE		
BLS		
** As of November 4, 2010		

9.2.3 The contractor shall perform acquisition, development and maintenance of threat and non-threat items. In addition, the contractor shall provide failure analysis and parts life cycle analysis to increase the useful lifespan of kit parts.

9.2.4 The contractor shall manufacture chemically based explosive simulants to exact laboratory standards. The contractor shall submit chemically based simulants to the Transportation security Laboratory (TSL) for review and approvals by batch produced and then track that batch for field level shelf life and performance. The Government will provide batch approval within 10 business days from contractor submission.

9.2.5 The contractor shall be required to provide research and development services for explosive Simulants. In support of this effort, the contractor shall:

9.2.5.1. Conduct exploratory research to produce new knowledge and potential products; conceive, organize, promote, and execute ideas and plans to increase chemistry's role in and contribution to the discovery and chemical approaches to meet exploratory objectives in product discovery.

9.2.5.2. Provide Analysis with recommendations for a technically and economically sound basis for developing and evaluating new or improved products, synthetic methods, processes, and analytical and physical testing techniques.

9.2.6. The contractor shall provide explosives and threat development experts (i.e., Explosive Ordinance Disposal (EOD) technicians) and well versed threat / alarm object designers for creation of Improvised Explosive Devices (IEDs) in support of kit development and maintenance.

9.2.6.1. EOD technicians shall serve as principal technical contacts and subject matter experts for explosives, explosive material handling, IED design disarmament and concealment. EOD technicians shall be required to design, create, and handle IEDs and explosive materials in actual and simulated form; as well as design and catalog threat and bag items for systems scan and capture. As such, EOD technicians must be Certified and a graduate of either the Naval School EOD or FBI Sponsored Hazardous Devices School.

9.2.6.2. Threat Designers shall create threat and alarm items to be captured in imaging equipment to include Improvised Explosive Devices (IED), Weapons of Mass Destruction (WMD), false alarm objects, guns, knives, and other items prohibited on passenger aircraft. Designers shall design, create, and handle IEDs, explosive materials, guns, knives, hazardous materials, and other prohibited or threat items in actual and simulated form. They shall design and catalog threats, false alarms, common items, and bag items for systems scan and capture. They shall create true to form, functionally correct and functionally incorrect threat devices dependent upon TSA requirements. As such, designers must be BS or Certified and a graduate of either the Naval School EOD or FBI Sponsored Hazardous Devices School; or a graduate of military CBRN or city police sponsored schools/programs (4 years experience shall substitute for BS). Designers shall also be experienced with x-ray, EDS, ETD, WMTD, AIT or other trace or imaging transportation security equipment.

9.2.7. The contractor shall maintain and update the illustrated parts breakdown; and develop animated drawings of IED construction for the program. This activity shall require the contractor to:

9.2.7.1. Plan, layout, draw, and revise part, assembly, and installation engineering drawings from basic layouts, established references, notes and discussions with engineers, and standard data.

9.2.7.2. Utilize computer-aided design equipment and or manual tools.

9.2.7.3. Complete layout drawings prepared by others in accordance with standard engineering drafting practices; or develop complete major layouts of engineering drawings.

9.2.7.4. Prepare specifications for parts, assemblies, and installations.

9.2.7.5. Prepare complete production detail drawings.

9.2.7.6. Contribute design modifications to improve quality of product or facilitate manufacturing operations.

9.2.7.7. Develop 3D model for manufacturing data sheet, photographs, and physical equipment supplied.

9.2.8 The contractor shall procure or manufacture all required explosive and detonator simulants, IED device components, guns, knives, other threat and prohibitive articles, luggage (if required to support rapid response training aid), normal passenger clutter for the luggage (if required to support rapid response training aid), additional equipment/software and facility/support services that are required to meet requirements within the Statement of Work. In the event that an approved simulant is not available for a particular explosive, the contractor shall exert its best effort to produce or acquire a substance that shall faithfully appear as that item and alarm on the detection technology. Such items shall be x-rayed and human readable images provided to TSA for final approval. The contractor shall work with the TSL to obtain similar images of the actual substance being simulated to ensure an effective review is performed.

9.2.9 The contractor shall catalog and photograph the relevant characteristics of each threat and non threat item such as weight and type of explosive (b)(3):49 U.S.C. § 114(r)

(b)(3):49 U.S.C. § 114(r)	power source type	(b)(3):49 U.S.C. § 114(r)
(b)(3):49 U.S.C. § 114(r)	and container	(b)(3):49 U.S.C. § 114(r)
(b)(3):49 U.S.C. § 114(r)		

9.2.10. The contractor shall develop and deliver presentations (e.g. PowerPoint), training, and other materials, as well as the duplication, and distribution of these materials. TSA estimates two (2) presentations per month.

9.2.11 The contractor shall provide configuration management of all kits and training aids. The contractor shall provide a spreadsheet identifying each kit case by barcode and the part numbers or barcode of each item contained in that case upon kit development or delivery. The contractor shall provide this information to TSA Property Management for upload into the TSA property management system and insert a property transfer sheet into the case prior to shipping or via email after shipping with TSA approval.

9.2.11.1. Kit content items containing simulants and/or detonators shall be coded using TSA provided serial numbers and bar codes for the kit unit as well as individual component serial numbers. Kit component bar codes and serial numbers will be tied to the kit unit numbers in a parent/child relationship.

9.2.11.2. TSA part numbers shall be mapped to TSL part numbers, if necessary.

9.2.12. All changes to kit components require written TSA approval.

9.2.13 The contractor shall create /maintain kit usage training and documentation. The training and documentation shall describe the purpose of the kit, content description, and procedures for maintenance and repair; TSA guidance on kit usage or handling procedures; and Material Safety Data Sheets (MSDS) sheets approved by the TSA Office of Occupational Safety and Health. MSDS sheets will be provided by TSA and contained on the Manual CD. Each kit shall contain the following documents when shipped to user, unless otherwise specified in each Kit as described in Task F Attachments A through N:

9.2.13.1 Operational Directive OD-400-50-1-11, October 19, 2009, Procedures for use and Control of the IED and Weapons Training Kits (printed and CD). This document is SSI and will be provided under separate cover to contract Task Order Manager upon award.

9.2.13.2. Kit Operating Instruction Manual (print and CD)

9.2.13.3 Property Hand Receipts

9.2.13.4. Material Safety Data Sheets (MSDS) for simulants as required (CD)

9.2.14. The kits shall be provided in a lockable container (EXCEPTIONS; Kits 2.1.6; 2.1.8 and 2.1.12) similar to the containers presently used by TSA. Three or Four-digit combination locks shall be included in each kit. The containers shall be marked on the outside large white letters "Property of TSA" unless otherwise directed. A serial number sticker from the Sunflower inventory system shall be affixed to the outside of the container unless otherwise directed. All shipped cases shall contain a property transfer sheet and lock. All shipments and property transfer shall comply with TSA Management Directive No. 200.55 TSA Property in the Hands of a Contractor per Base Contract HSTS01-0-DOSO900.

9.2.15 The contractor shall provide maintenance support for threat identification kits and training aids, such as repair and replacement of parts.

9.2.15.1. The contractor shall provide website access to Training Managers and other approved system users to request replacement parts, maintenance actions, and/or additional kits.

9.2.15.2 The contractor shall track kit configuration and replacement requirements.

9.2.15.3. The contractor shall provide airports a return FedEx label for Kit replacements so the replaced/damaged kit can be returned to the contractor and retrofitted to the current configuration.

9.2.15.4. The contractor shall track mean time between failure and just in time sparing for those items as appropriate.

9.2.15.5 The contractor shall maintain full parts and component level inventories of kit and simulant parts items to the lowest level sub-component. Procurement of parts in support of kit maintenance shall be provided in a report on a monthly basis. Kit parts required for manufacture or suitable substitutes will require prior approval of the TSA Technical Monitor.

### 9.3 Kit Upgrades

#### 9.3.1 **OPTION A** -Upgrade TQC (CLIN 0020 FFP)

9.3.1.1 The contractor shall provide a prototype of the proposed upgrade to the TQC kit. The following specifications apply:

9.3.1.1.1 A number of explosive simulants shall be developed that will cause a positive indication for all possible detection capabilities on the Explosive Trace Detection machines (ETD).

9.3.1.1.2 All simulants shall be produced in a clay like consistency similar to the present TQC simulant.

9.3.1.1.3 All simulants shall have a minimum two (2) year shelf-life extendable in one year increments by a simple operational test.

9.3.1.1.4 Each stimulant in the kit shall be packaged in a plastic container to hold approximately two (2) ounces of material.

9.3.1.1.5 Each container shall be marked with the date of manufacturer and expiration date.

9.3.1.2 The kit shall be packaged in a sturdy container to resist damage and inadvertent cross contamination between simulants or the contamination of other surfaces or items.



9.3.1.3 The contractor shall provide a training video covering the use, precautions, storage, decontamination and shelf-life extension procedures. The video shall be Security Sensitive Information.

9.3.1.4 The contractor shall provide the following documentation which shall be included with the kit:

9.3.1.4.1 TQC Operations Manual that covers the purpose of the kit, description of the components, operating instructions, contamination control and decontamination procedures.

9.3.1.4.2 Material Safety Data Sheet (MSDS) for the TQC material

9.3.1.4.3 Property Hand Receipts

9.3.1.5 Once approved by TSA, the contractor shall manufacturer (b)(4) kits. The kits shall be stored and used to replace the present fielded kits as their shelf life expires.

9.3.2 **OPTION B** Upgrade MBS2A with addition of one (1) (b)(3):49 U.S.C. § 114(r) (CLIN 0021 FFP)

9.3.2.1 The contractor shall not be required to recall the kits for upgrade but simply provide the training aid and new pages for the manuals and direct the users to place them in the kit.

9.3.2.2 The contractor shall procure sufficient TSA approved (b)(3):49 U.S.C. § 114(r) training aids to add one each to all existing MBS IIA kits (approximately (b)(4) kits) as an addition to the pat-down training aids.

9.3.2.3 The contractor shall ship one (b)(3):49 U.S.C. § 114(r) to all locations having MBS IIA kits in sufficient quantity to provide one training aid per MBS IIA kit.

9.3.2.4 The contractor shall add the (b)(3):49 U.S.C. § 114(r) to all MBS IIA kit documentation, drawings and component lists as appropriate.

9.3.2.5 The contractor shall produce the update page for the MBS IIA Operations Manual and the Pat-Down training aids manual providing a description and showing proper use of the (b)(3):49 U.S.C. § 114(r) and include the updated pages with the distribution of the training aid. The updated pages shall be added to all future manuals and accompanying CDs.

9.3.2.6 The contractor shall assign and affix a Sunflower property sticker to the (b)(3):49 U.S.C. § 114(r) and add the item to the Lockheed maintained data base to reflect the parent child relationship between the (b)(3):49 U.S.C. § 114(r) and the MBS IIA kit.

9.3.3 **OPTION C** Upgrade Weapons Kit with the addition of two (2) (b)(3):49 U.S.C. § 114(r) (CLIN 0022 (b)(3):49 U.S.C. § 114(r) FFP)

9.3.3.1 The contractor shall not be required to recall the existing Weapons kits for the upgrade; but shall simply provide the training aids and new pages for the manual and direct the users to place them in the existing kit.

9.3.3.2 The contractor shall submit to TSA for approval a variety of (b)(3):49 U.S.C. § 114(r) (that are (b)(3):49 U.S.C. § 114(r) available to the general public) for consideration. Two general types of (b)(3):49 U.S.C. § 114(r) shall be (b)(3):49 U.S.C. § 114(r) evaluated:

9.3.3.2.1 (b)(3):49 U.S.C. § 114(r) and

9.3.3.2.2 (b)(3):49 U.S.C. § 114(r)

(b)(3) 49 U.S.C.  
§ 114(r)

9.3.3.3 Once approved by TSA, the contractor shall procure sufficient quantities of the two (2) approved [REDACTED] to add one of each type to all existing Weapons Training Kits (approximately (b)(4) kits).

9.3.3.4 As preparation for addition to all Weapons Training kits, the [REDACTED] shall be rendered inoperable by [REDACTED] connection or other suitable means. (b)(3) 49 U.S.C. § 114(r)

(b)(3) 49 U.S.C.  
§ 114(r)

9.3.3.5 The contractor shall ship one (1) each of the two (2) approved inoperable [REDACTED] to all locations having Weapons Training kits in sufficient quantity to provide one (1) each of the two (2) [REDACTED] per Weapons Training kit. (b)(3) 49 U.S.C. § 114(r)

(b)(3) 49 U.S.C.  
§ 114(r)

9.3.3.6 The contractor shall add the [REDACTED] to all Weapons Training kit documentation, drawings and component lists as appropriate.

9.3.3.7 The contractor shall produce the update pages for the Weapons Training Kit Operations Manual providing a description and showing proper use of the [REDACTED] and include the updated pages with the distribution of the [REDACTED]. The updated pages to be added to all future manuals and accompanying CDs. (b)(3) 49 U.S.C. § 114(r)

(b)(3) 49 U.S.C.  
§ 114(r)

9.3.3.8 The contractor shall assign and affix a Sunflower property sticker to the [REDACTED] and add the item to the contractor maintained data base to reflect the parent child relationship between the [REDACTED] and the MBS IIA kit. (b)(3) 49 U.S.C. § 114(r)

(b)(3) 49 U.S.C.  
§ 114(r)

9.3.3.9 The contractor shall provide the TSA Property Management Office with a list of the [REDACTED] with Sunflower property numbers to be included in the TSA Sunflower inventory system.

9.3.4 **OPTION D** Procure or produce (b)(4) additional WTMD Calibration Test Kits (CLIN 0023 FFP).

9.3.4.1 The contractor shall procure or manufacturer, whichever is most cost effective to the government, (b)(4) WTMD Calibration test kits.

9.3.4.2 Each kit shall consist of three calibration test pieces, each piece incased in a [REDACTED] (b)(3) 49 U.S.C. § 114(r)

9.3.4.3 Each encased test piece shall be marked with a [REDACTED] and two letter designation for the test piece encased. See attachment L of this document for illustration. (b)(3) 49 U.S.C. § 114(r)

9.3.4.4 The authorized test pieces with their two letter designations are:

9.3.4.4.1 DA [REDACTED]

9.3.4.4.2 BR [REDACTED]

9.3.4.4.3 NAA [REDACTED]

(b)(3) 49 U.S.C. § 114(r)

9.3.4.5 The WTMD calibration test kits shall be maintained in a spares status until directed for shipment by TSA

9.3.4.6 The contractor shall assign and affix a Sunflower property sticker to the individual calibration test pieces and add them to the contractor maintained data base.

9.3.4.7 The contractor shall provide the TSA Property Management Office with a list of the calibration test pieces with Sunflower property numbers to be included in the TSA Sunflower inventory system.

9.3.5 **OPTION E** Procure (b)(4) replacement Duffle Bags for the Practical Skills Evaluation (PSE) Kits (CLIN 0024 FFP).

9.3.5.1 The contractor shall procure (b)(4) replacement duffle bags, component # OTT-PSE-C-0008A for the PSE Kit. The PSE Kit consists of two boxes and has an identical duffle bag in each box (b)(4) per kit.

(b)(4)

9.3.5.2 The contractor shall purchase the duffle bags to allow total kit inventory replacement, (approximately (b)(4) units), during the 2012 PSE kit rebuild.

#### 9.4. Threat Prototyping (T&M CLIN 0025)

**NOTE:** IED Accessory Kit prototyping activity will be conducted under FFP CLIN 0019 in Section 5 requirements.

9.4.1 The contractor shall be required to provide prototypes of threat and non threat items. (TSA estimates five (5) per Period of Performance).

9.4.2 Prototype threat and non threat items shall be submitted to the TSA program manager for review and approval before field distribution.

9.4.3 If any items are rejected, the contractor shall perform follow-up work to develop replacement images that conform to the general specifications of the rejected item(s), correcting any identified deficiencies in the process.

#### 9.5. IED Accessory Kit Program (CLIN 0019 FFP)

9.5.1 The contractor shall support the Transportation Security Specialist – Explosives (TSS-E), formally Bomb Appraisal Officer (BAO), program for local fabrications of IED Accessory Training Kits that contain new explosive simulants, IEDs and IED components to augment the existing IED training kits that are used for TSO training.

9.5.2 The contractor shall provide each member of the IED design group with an LM VPN account and GFE laptop and air card to support remote design activities using the LM network not to exceed a total of one (1) for TSA HQ and five (5) sets for field use.

9.5.3. The contractor shall be required to design and prototype a new IED accessory kit every quarter; for a total of four (4) designs per year.

9.5.4 In addition to 5.3 above, the contractor shall supply, on an annual basis, the TSS-Es at the hubs (approximately 130 airports) with explosive simulants and IED components to preposition airport on site stock to support IED Accessory Kit construction.

9.5.5. The contractor shall participate as an active member of the TSA IED Accessory Kit Design Team for the design and fabrication of accessory kits.

9.5.6. The contractor shall support IED accessory kit rapid response activities within 72 hours when OTT determines an emerging threat warrants action. **NOTE:** CLIN 005 T&M activity priced Under Task A.

9.5.7. The contractor shall conduct up to two (2) annual live rapid response exercises.

9.5.8 The contractor shall provide IED Accessory Kits for hub airports (not to exceed five (5) hubs) that do not have TSS-E support.

9.5.9 The contractor shall provide the TSS-Es at the hub airports, approximately 130 airports, with IED simulants and components to build approximately (b)(4) IED Accessory Kits quarterly.

9.5.10 The contractor shall provide to TSA for approval, a list of IED components and related materials to be shipped to the TSS-Es at the hub airports, approximately 130 airports, as an annual shipment to augment existing supplies in support of the IED Accessory Kit program.

Upon TSA approval, the contractor shall procure/manufacture the agreed upon items and ship them to the TSS-Es at the hub airports.

9.6. Task F – Deliverables

#	Deliverable	Due Date	TSA Recipient	Government Review
1	Monthly Procurement Report for Kits	5 business days after month close	Task F TM Task A TM	5 business days
2	Threat and non Threat Prototypes (CLIN 0025 T&M))	per Technical Direction from TSA	Task F TM	10 business days
3a	IED Accessory Kit Components shipped to TSS-E at Hubs	4/30/2011	Lead TSS-E at Airport Hubs	2 business days after acceptance at Airport
3b	IED Accessory Kit Components shipped to TSS-E at Hubs	7/31/2011	Lead TSS-E at Airport Hubs	2 business days after acceptance at Airport
3c	IED Accessory Kit Components shipped to TSS-E at Hubs	10/31/2011	Lead TSS-E at Airport Hubs	2 business days after acceptance at Airport
3d	IED Accessory Kit Components shipped to TSS-E at Hubs	01/31/2012,	Lead TSS-E at Airport Hubs	2 business days after acceptance at Airport
4	Thumbprint Quality Control (TQC) Upgrade Prototype <b>OPTION A</b>	2/25/2011	Task F TM	10 business days
5	Thumbprint Quality Control (TQC) Upgrade, Begin Field Distribution <b>OPTION A</b>	8/31/2011	Airport POC for IED and Weapons Training kits	2 business days after acceptance at Airport
6	(b)(3):49 U.S.C. § 114(r) Begin Field Distribution <b>OPTION B</b>	3/31/2011	Airport POC for IED and Weapons Training kits	2 business days after acceptance at Airport
7	Weapons Training Kit Upgrade (b)(3):49 U.S.C. § 114(r) deliver 2 prototypes <b>OPTION C</b>	3/31/2011	Task F TM	10 Business Days

(b)(3):49 U.S.C. § 114(r)

(b)(3):49 U.S.C. § 114(r)	8	Weapons Training Kit Upgrade [redacted] Begin Field Distribution <b>OPTION C</b>	9/16/2011	Airport POC for IED and Weapons Training kits	2 business days after acceptance at Airport
(b)(3):49 U.S.C. § 114(r)	9	E-WTMD Calibration Test Kit [redacted] deliver prototypes <b>OPTION D</b>	4/15/2011	Task F TM	10 Business Days
(b)(3):49 U.S.C. § 114(r)	10	E-WTMD Calibration Test Kit [redacted] Begin Distribution <b>OPTION D</b>	10/14/2011	Airport POC for E-WTMD Calibration Test Kit	2 business days after acceptance at Airport
	11	PSE Kit Replacement Component # OTT-PSE-C-0008A, Duffle Bag, deliver prototype <b>OPTION E</b>	4/1/2011	Task F TM	10 Business Days
	12	PSE Kit Replacement Component # OTT-PSE-C-0008A, Duffle Bag, begin kit upgrade <b>OPTION E</b>	8/1/2011	LMSC Oklahoma City	60 Days to complete upgrade
	13	Spreadsheet with Kit Type and TSA Property Serial Number	As required to update Sunflower Inventory	TSA HQ Property Management Office (Sunflower) and Task F TM	
	14	Proposed list of IED Components and Related Materials for Annual Shipment to the Hub Airports	9/1/2011	Task F TM	10 Business Days
	15	Shipment of IED Components and related Materials	11/15/2011	TSS-E Leads at Hub Airports	2 business days after acceptance at Airport

#### 9.7. Inspection and Acceptance Criteria

See Section 4.2

#### 9.8. Task F Applicable Documents

Attachment A - Modular Bomb Set (MBS) 2

Attachment B - MBS 2A

Attachment C - Improvised Explosive Device (IED) Baseline Training Kit A

Attachment D - Liquid Explosives Training Kit (

Attachment E - Technical Support Working Group (TSWG) Explosives Training Kit

Attachment F - IED Component Display Board

Attachment G - Weapons Training Kit

Attachment H - Thumbprint Quality Control (TQC)

Attachment I - IED Accessory Kit

Attachment J - Bottle Liquid Scanner (BLS) Training Kit

Attachment K - Practical Skills Evaluation (PSE) Training Kit

Attachment L - Walk Thru Metal Detector (WTMD) Calibration Test Pieces (b)(3);49 U.S.C. § 114(r)

Attachment M - Generic IED Training Kit

Attachment N - Generic Weapons Training Kit

## **10.TSA Contacts:**

### 10.1 TSA Contracting Officer

Marvin Grubbs  
Transportation Security Administration  
Office of Technical Training, Training Support Division  
601 South 12th Street, 2nd Floor, West Building  
Arlington, VA 20598

(b)(6)

### 10.2 TSA Contracting Specialist

(b)(6)

Transportation Security Administration  
Office of Technical Training, Training Support Division  
601 South 12th Street, 2nd Floor, East Building  
Arlington, VA 20598

(b)(6)

### 10.3 TSA Contracting Officer's Technical Representative

(b)(6)

Transportation Security Administration  
Office of Technical Training  
601 South 12th Street, 2nd Floor, East Building  
Arlington, VA 20598

(b)(6)

10.4 TSA Task A Technical Monitor

(b)(6)

Transportation Security Administration  
601 South 12th St  
TSA/OSO/OTT  
Arlington, VA 20598

(b)(6) (office)

(703) 603-0825 (fax)

(b)(6)

10.5. TSA Task B Technical Monitor

(b)(6)

Transportation Security Administration  
701 South 12th Street  
Arlington, VA 20598

(b)(6)

10.6. TSA Task C and D Technical Monitor

(b)(6)

Transportation Security Administration  
601 South 12th St HQE2-111S  
TSA/OSO/OTT  
Arlington, VA 20598

(b)(6) (office)

(703) 603-0825 (fax)

(b)(6)

10.7. TSA Task E Technical Monitor

(b)(6)

Transportation Security Administration TSA-29  
601 South 12th Street HQE2-107S  
TSA/OSO/OOP/OTT,  
Arlington, VA 20598

(b)(6) (office)

(703) 603-0825 (fax)

(b)(6)

10.8. TSA Task F Technical Monitor

(b)(6)

Transportation Security Administration TSA-29  
601 South 12th Street HQE2-125S  
TSA/OSO/OOP/OTT,  
Arlington, VA 20598

(b)(6) (office)

(703) 603-0825 (fax)

(b)(6)

(End of Section C)

## **SECTION D – PACKING, PACKAGING, AND MARKING**

**D.1** Clauses of the IDIQ Contract HSTS01-09-D-OSO900 shall apply to this task order.

## **SECTION E - INSPECTION AND ACCEPTANCE**

**E.1** Clauses of the IDIQ Contract HSTS01-09-D-OSO900 shall apply to this task order.

## **SECTION F - DELIVERY**

### **F.1 Delivery Requirements**

All materials ordered under this task order shall be shipped "F.O.B. Destination".

### **F.2 Period of Performance**

02/01/2011 – 01/31/2012

### **F.3 Delivery Schedules/ Deliverables/ Delivery Information**

See Section C for list of deliverables and deliverable schedule.

## **SECTION G - CONTRACT ADMINISTRATION DATA**

**G.1** Clauses of the IDIQ Contract HSTS01-09-D-OSO900 shall apply to this task order.

**G.2** Contractor shall provide, to the COTR and TM, invoice backup documentation that includes the breakdown of labor categories and number of labor hours expended during the invoicing period of performance for each T&M CLIN as stated within Section B of this task order. This backup information shall provide enough detail for the Government to clearly understand the effort completed during the period of performance.

**G.3** Upon request by the COTR and/or TM, Contractor shall provide with the invoice submitted to FINCEN, backup documentation that includes finalized quotes/proposal for ODCs used in performance of this Task Order.

### **G.4 Data, Data Management and Data-Pertinent Information:**

In addition to the Federal Acquisitions Regulations (FAR) Subpart 27.4 – ‘Rights in Data and Copyrights’ and Section 35.011 detailing technical data delivery, the contractor shall provide all TSA-specific data in a format maintaining pre-existing referential integrity and data constraints, as well as data structures in an understandable format to TSA. Examples of data structures can be defined as, but not limited to:

- Data models depicting entity relationships
- Metadata information to define data definitions
- Detailed data formats, type, and size
- Delineations of the referential integrity (primary key/foreign key) of data schemas

All TSA-specific data shall be delivered in a secure and timely manner to TSA. Data security is defined within Section I.4, ‘Requirements for Handling Sensitive, Classified, and/or Proprietary Information,’ within this SOW. This definition complies with not only the delivery of data, but also maintaining TSA-specific data within a non-TSA or DHS proprietary system. Alternative data delivery techniques may also be defined by TSA EDM project team.



As part of the necessary data structure, the contractor shall provide an Entity Relationship Diagram (ERD) to explain the business relationships to TSA through graphically and textually detailing the data that is stored per each database and system/application. The preferred format for the ERD is CA Erwin; however other formats, such as Visio, DLL, database scripts or format specified by TSA EDM project team shall be accepted. . . All additional known data models (e.g., Logical Data Model (LDM) Conceptual Data Model (CDM), Physical Data Model (PDM), Data Flow Diagrams (DFD)) depicting TSA-specific data are required. Referential integrity also needs to be addressed for all parent/child or primary key/foreign key relationships within these models.

All metadata shall be pre-defined upon delivery to TSA. Metadata shall be delivered in a format that is readily interpretable by TSA (e.g. metadata shall be extracted from any metadata repository that is not utilized by TSA and delivered in a TSA approved manner). Metadata shall also provide an indication of historical verses the most current data to be used, as well as frequency of data refreshes.

The contractor shall adhere to providing a Data Management Plan (DMP), as defined by the TSA Enterprise Data Management (EDM) project team, which includes conceptual and logical data models, along with a data asset profile. Any data exchanges with other DHS Components shall adhere to DHS data exchange standards using the National Information Exchange Model (NIEM). All required artifacts will be provided to the TSA EDM project team.

*Note: The following definitions pertain to the previous paragraphs:*

*An ERD is a diagram used to identify the topics of interest (entities) and their connections to each other (relationships).*

*An LDM in systems engineering is a representation of an organization's data, organized in terms of entities and relationships and is independent of any particular data management technology.*

*'A CDM is a high-level model that is considered a useful first step in documenting and describing the fundamental nature of the organization's data. It serves as the foundation for providing a common vocabulary and for understanding the overall structure of data, and for normalizing data access to support improved information sharing. In a CDM, fundamental things of significance to the business organization are represented. A CDM usually includes data objects and the corresponding core relationships in terms of the business user.*

*A PDM is a representation of a data asset design which takes into account the facilities and constraints of a given **database management system (DBMS)**. It is typically derived from a logical data model, though it may be reverse-engineered from a given database implementation. The PDM can usually be used to calculate storage estimates and may include specific storage allocation details for a given database system. There is no sharp dividing line between a CDM and an LDM. Similarly, there is no sharp dividing line between an LDM and a PDM. Depending on the developers and their requirements, details may appear in one model or the other. Each model should be constructed down to the level of detail that makes the model useful to the intended audience.'*<sup>1</sup>

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<sup>1</sup> These definitions have been defined through the 'DHS Enterprise Data Management – Data Modeling Methodology Guidelines' found on the DHS Connect DMWG Portal which can be found at

*A DFD is a diagram depicting the flow of data from the source to the target systems, showing all interactions made in between.*

*Referential integrity is a database concept that ensures that relationships between tables remain consistent. When one table has a foreign key to another table, the concept of referential integrity states that you may not add a record to the table that contains the foreign key unless there is a corresponding record in the linked table.*

## **SECTION I – CONTRACT CLAUSES, TERMS, AND CONDITIONS**

**I.1** Clauses of the IDIQ Contract HSTS01-09-D-OSO900 shall apply to this task order.

**I.2.** Per the DHS Industrial Security Program instructions, the following clause is being included in full text:

52.204-2 -- Security Requirements. (Aug. 1996)

(a) This clause applies to the extent that this contract involves access to information classified "Top Secret."

(b) The Contractor shall comply with --

(1) The Security Agreement (DD Form 441), including the National Industrial Security Program Operating Manual (DoD 5220.22-M); and

(2) Any revisions to that manual, notice of which has been furnished to the Contractor.

(c) If, subsequent to the date of this contract, the security classification or security requirements under this contract are changed by the Government and if the changes cause an increase or decrease in security costs or otherwise affect any other term or condition of this contract, the contract shall be subject to an equitable adjustment as if the changes were directed under the Changes clause of this contract.

(d) The Contractor agrees to insert terms that conform substantially to the language of this clause, including this paragraph (d) but excluding any reference to the Changes clause of this contract, in all subcontracts under this contract that involve access to classified information.

(End of Clause)

**I.3** All services, hardware and/or software provided under this task order must be compliant with DHS 4300A DHS Sensitive System Policy Directive, DHS 4300A Sensitive Systems Handbook., TSA MD 1400.3 Information Technology Security Policy, TSA IT Security Policy Handbook and Technical Standards.

**I.4 SECURITY OF SYSTEMS HANDLING PERSONALLY IDENTIFIABLE INFORMATION AND PRIVACY INCIDENT REPONSE**

(a) Definitions.

“Breach” (may be used interchangeably with “Privacy Incident”) as used in this clause means the loss of control, compromise, unauthorized disclosure, unauthorized acquisition, unauthorized access, or any similar situation where persons other than authorized users, and for other than authorized purpose, have access or potential access to Personally Identifiable Information, in usable form whether physical or electronic.

“Personally Identifiable Information (PII)” as used in this clause means any information that permits the identity of an individual to be directly or indirectly inferred, including any other information that is linked or linkable to that individual regardless of whether the individual is a citizen of the United States, legal permanent resident, or a visitor to the United States.

Examples of PII include: name, date of birth, mailing address, telephone number, Social Security Number (SSN), email address, zip code, account numbers, certificate/license numbers, vehicle identifiers including license plates, uniform resource locators (URLs), Internet protocol addresses, biometric identifiers (e.g., fingerprints), photographic facial images, or any other unique identifying number or characteristic, and any information where it is reasonably foreseeable that the information will be linked with other information to identify the individual.

“Sensitive Personally Identifiable Information (Sensitive PII)” as used in this clause is a subset of Personally Identifiable Information, which if lost, compromised or disclosed without authorization, could result in substantial harm, embarrassment, inconvenience, or unfairness to an individual. Complete social security numbers (SSN), alien registration numbers (A-number) and biometric identifiers (such as fingerprint, voiceprint, or iris scan) are considered Sensitive PII even if they are not coupled with additional PII. Additional examples include any groupings of information that contains an individual’s name or other unique identifier plus one or more of the following elements:

- (1) Driver’s license number, passport number, or truncated SSN (such as last 4 digits)
- (2) Date of birth (month, day, and year)
- (3) Citizenship or immigration status
- (4) Financial information such as account numbers or Electronic Funds Transfer Information
- (5) Medical Information
- (6) System authentication information such as mother’s maiden name, account passwords or personal identification numbers (PIN)

Other Personally Identifiable information may be “sensitive” depending on its context, such as a list of employees with less than satisfactory performance ratings or an unlisted home address or phone number. In contrast, a business card or public telephone directory of agency employees contains Personally Identifiable Information but it is not sensitive.

(b) Systems Access. Work to be performed under this contract requires the handling of Sensitive PII. The contractor shall provide the Government access to, and information regarding systems the contractor operates on behalf of the Government under this contract, when requested by the Government, as part of its responsibility to ensure compliance with security requirements, and shall otherwise cooperate with the Government in assuring compliance with such requirements. Government access shall include independent validation testing of controls, system penetration testing by the Government, Federal Information Security Management Act (FISMA) data reviews, and access by agency Inspectors General for its reviews.

(c) **Systems Security.** In performing its duties related to management, operation, and/or access of systems containing Sensitive PII under this contract, the contractor, its employees and subcontractors shall comply with applicable security requirements described in DHS Sensitive System Publication 4300A or any replacement publication and rules of conduct as described in TSA MD 3700.4

In addition, use of contractor-owned laptops or other media storage devices to process or store PII is prohibited under this contract until the contractor provides, and the contracting officer in coordination with CISO approves, written certification by the contractor that the following requirements are met:

- (1) Laptops employ encryption using a NIST Federal Information Processing Standard (FIPS) 140-2 or successor approved product;
- (2) The contractor has developed and implemented a process to ensure that security and other applications software are kept current;
- (3) Mobile computing devices utilize anti-viral software and a host-based firewall mechanism;
- (4) When no longer needed, all removable media and laptop hard drives shall be processed (i.e., sanitized, degaussed, or destroyed) in accordance with DHS security requirements.
- (5) The contractor shall maintain an accurate inventory of devices used in the performance of this contract;
- (6) Contractor employee annual training and rules of conduct/behavior shall be developed, conducted/issued, and acknowledged by employees in writing. Training and rules of conduct shall address at minimum:
  - (i) Authorized and official use;
  - (ii) Prohibition against use of personally-owned equipment to process, access, or store Sensitive PII;
  - (iii) Prohibition against access by unauthorized users and unauthorized use by authorized users; and
  - (iv) Protection of Sensitive PII;
- (7) All Sensitive PII obtained under this contract shall be removed from contractor-owned information technology assets upon termination or expiration of contractor work. Removal must be accomplished in accordance with DHS Sensitive System Publication 4300A, which the contracting officer will provide upon request. Certification of data removal will be performed by the contractor's Project Manager and written notification confirming certification will be delivered to the contracting officer within 15 days of termination/expiration of contractor work.

(d) **Data Security.** Contractor shall limit access to the data covered by this clause to those employees and subcontractors who require the information in order to perform their official duties under this contract. The contractor, contractor employees, and subcontractors must physically secure Sensitive PII when not in use and/or under the control of an authorized individual, and when in transit to prevent unauthorized access or loss. When Sensitive PII is no longer needed or required to be retained under applicable Government records retention policies, it must be destroyed through means that will make the Sensitive PII irretrievable.

The contractor shall only use Sensitive PII obtained under this contract for purposes of the contract, and shall not collect or use such information for any other purpose without the prior written approval of the contracting officer. At expiration or termination of this contract, the contractor shall turn over all Sensitive PII obtained under the contract that is in its possession to the Government.

(e) **Breach Response.** The contractor agrees that in the event of any actual or suspected breach of Sensitive PII (i.e., loss of control, compromise, unauthorized disclosure, access for an unauthorized purpose, or other unauthorized access, whether physical or electronic), it shall immediately, and in no event later than one hour of discovery, report the breach to the contracting officer, the Contracting Officer's Technical Representative (COTR), and the TSA Director of Privacy Policy & Compliance (TSAprivacy@dhs.gov). The contractor is responsible for positively verifying that notification is received and acknowledged by at least one of the foregoing Government parties.

(f) **Personally Identifiable Information Notification Requirement.** The contractor has in place procedures and the capability to promptly notify any individual whose Sensitive PII was, or is reasonably believed to have been, breached, as determined appropriate. The method and content of any notification by the contractor shall be coordinated with, and subject to the prior approval of the Government, based upon a risk-based analysis conducted by the Government in accordance with DHS Privacy Incident Handling Guidance. Notification shall not proceed unless the Government has determined that: (1) notification is appropriate; and (2) would not impede a law enforcement investigation or jeopardize national security.

Subject to Government analysis of the breach and the terms of its instructions to the contractor regarding any resulting breach notification, a method of notification may include letters to affected individuals sent by first class mail, electronic means, or general public notice, as approved by the Government. At minimum, a notification should include: (1) a brief description of how the breach occurred; (2) a description of the types of personal information involved in the breach; (3) a statement as to whether the information was encrypted or protected by other means; (4) steps an individual may take to protect themselves; (5) what the agency is doing, if anything, to investigate the breach, to mitigate losses, and to protect against any further breaches; and (6) point of contact information identifying who affected individuals may contact for further information.

In the event that a Sensitive PII breach occurs as a result of the violation of a term of this contract by the contractor or its employees, the contractor shall, as directed by the contracting officer and at no cost to the Government, take timely action to correct or mitigate the violation, which may include providing notification and/or other identity protection services to affected individuals for a period not to exceed 12 months from discovery of the breach. Should the Government elect to provide and/or procure notification or identity protection services in response to a breach, the contractor will be responsible for reimbursing the Government for those expenses.

(g) **Pass-Through of Security Requirements to Subcontractors.** The contractor agrees to incorporate the substance of this clause, its terms and requirements, in all subcontracts under this contract, and to require written subcontractor acknowledgement of same. Violation by a subcontractor of any provision set forth in this clause will be attributed to the contractor.

## **I.5 SUBMISSION OF INVOICES - Commercial**

(a) **Background:** The Transportation Security Administration (TSA) partners with the United States Coast Guard Finance Center for financial services in support of TSA operations, including the payment of contractor invoices. Therefore, all contractor invoices must be submitted to, and will be paid by, the U.S. Coast Guard Finance Center (FinCen).

- (b) Invoice Submission Method: Invoices may be submitted via facsimile, U.S. Mail, or email. Contractors shall utilize **ONLY ONE** method per invoice submission. The submission information for each of the methods is as follows in order of preference:

1) Facsimile number is: 757-413-7314

The facsimile number listed above shall be used by contractors for ORIGINAL invoice submission only. If facsimile submission is utilized, contractors shall not submit hard copies of invoices via the U.S. mail. It is the responsibility of the contractor to verify that invoices are received, regardless of the method of submission used. Contractors may inquire regarding the receipt of invoices by contacting the U.S. Coast Guard Finance Center via the methods listed in subparagraph (c) of this clause.

2) U.S. Mail:

United States Coast Guard Finance Center  
TSA Commercial Invoices  
P.O. Box 4111  
Chesapeake, VA 23327-4111

3) Email Invoices:

[FIN-SMB-TSAInvoices@uscg.mil](mailto:FIN-SMB-TSAInvoices@uscg.mil) or [www.fincen.uscg.mil](http://www.fincen.uscg.mil)

- (c) Invoice Process: Upon receipt of contractor invoices, FinCen will electronically route invoices to the appropriate TSA Contracting Officer's Technical Representative and/or Contracting Officer for review and approval. Upon approval, the TSA will electronically route the invoices back to FinCen. Upon receipt of certified invoices from a Authorized Certifying Official, FinCen will initiate payment of the invoices.

Note for discounts offered:

Discounts on invoices. If desired, the Contractor should offer discounts directly upon the invoice submitted, clearly specifying the terms of the discount. Contractors can structure discounted amounts for payment for any time period less than the usual thirty day payment period specified under Prompt Payment requirements; however the Contractor should not structure terms for payment of net amounts invoiced any sooner than the standard period required under FAR Subpart 32.9 regarding prompt payments for the specified deliverables under contract.

Discounts offered after invoice submission. If the Contractor should wish to offer a discount on a specific invoice after its submission for payment, the Contractor should submit a letter to the Finance Center identifying the specific invoice for which a discount is offered and specify the exact terms of the discount offered and what time period the Government should make payment by in order to receive the discount. The Contractor should clearly indicate the contract number, invoice number and date, and the specific terms of the discount offered. Contractors should not structure terms for net amount payments any sooner than the standard period required under FAR Subpart 32.9 regarding prompt payments for the specified deliverables under contract.

- (d) Payment Status: Contractors may inquire on the payment status of an invoice by any of the following means:

- (1) Via the internet: <https://www.fincen.uscg.mil>  
Contacting the FinCen Customer Service Section via telephone at 1-800-564-5504, or (757) 523-6940 (Voice Option #1). The hours of operation for the Customer Service line are 8:00 AM to 5:00 PM Eastern Time, Monday through Friday. However, the Customer Service line has a voice-mail feature that is available 24 hours per day, 7 days per week.
  - (2) Via the Payment Inquiry Form: <https://www.fincen.uscg.mil/secure/payment.htm>
- (e) **Invoice Elements:** Invoices will automatically rejected if the information required in subparagraph (a)(2) of the Prompt Payment Clause, contained in this Section of the Contract, including EFT banking information, Taxpayer Identification Number (TIN), and DUNS number are not included in the invoice. All invoices must be clearly correlate invoiced amounts to the corresponding contract line item number and funding citation.
- (f) **Supplemental Invoice Documentation:** Contractors shall submit all supplemental invoice documentation (e.g. copies of subcontractor invoices, travel vouchers, etc) necessary to approve an invoice along with the original invoice. The Contractor invoice must contain the information stated in the Prompt Payment Clause in order to be received and processed by FinCen. Supplemental invoice documentation required for review and approval of invoices may, at the written direction of the Contracting Officer, be submitted directly to either the Contracting Officer, or the Contracting Officer's Technical Representative. Note for "time-and-material" type contracts: The Contractor must submit the following statement with each invoice for labor hours invoiced under a "time-and-materials" type contract, order, or contract line item: "The Contractor hereby certifies in accordance with paragraph (c) of FAR 52.232-7, that each labor hour has been performed by an employee (prime or subcontractor) who meets the contract's specified requirements for the labor category invoiced."

#### **I.6 Frequency of Invoice Submission**

For FFP CLINs, contractor shall invoice 1/12 of the CLIN amount for the month prior efforts. For T&M and separately identified ODC CLINS, contractor shall invoice the expended amount incurred during the previous month(s). For ODCs, contractor shall invoice for only those ODCs that have been approved and purchased/expended during the previous month(s). Specifically for CLIN 0002, the contractor shall provide with the invoice, a complete list of the ODC purchased, the cost of each ODC, and the accumulative cost for all ODCs. The contractor shall provide serial numbers for purchases of hardware and software, where applicable.

#### **I.7 The following clause is incorporated by reference into this task order:**

- FAR 52.232-22 – Limitation of Funds (Apr 1984)
- FAR 52.232-20 – Limitation of Cost (Apr 1984)

**(End of Section I)**

**SECTION J – CONTRACT DOCUMENTS, EXHIBITS, OR ATTACHMENTS**

**J.1 Contract Documents**

<b>ATTACHMENT NO.</b>	<b>TITLE/ DESCRIPTION</b>
A	Modular Bomb Set (MBS) 2
B	MBS 2A
C	Improvised Explosive Device (IED) Baseline Training Kit A
D	Liquid Explosives Training Kit
E	Technical Support Working Group (TSWG) Explosives Training Kit
F	IED Component Display Board
G	Weapons Training Kit
H	Thumbprint Quality Control (TQC)
I	IED Accessory Kit
J	Bottle Liquid Scanner (BLS) Training Kit
K	Practical Skills Evaluation (PSE) Training Kit
L	Walk Thru Metal Detector (WTMD) Calibration Test Pieces
M	Generic IED Training Kit
N	Generic Weapons Training Kit
O	DHS Systems Engineering Lifecycle Functional Requirements Document

(b)(3) 49 U.S.C.  
§ 114(r)

**(End of Section J)**



### **Modular Bomb Set (MBS) II Training Kit**

**Purpose:** This kit is designed for classroom TSO training for IED and IED component recognition and for IED detection and resolution training at the checkpoint and in checked baggage. .

**Description:** The kit contains multiple inert IED components that by themselves or fully assembled can be used for all facets of passenger and checked baggage screening. Components and fully assembled IEDs can be run through the x-ray and EDS by themselves for image presentation or hidden in bags to train TSOs how to recognize the IEDs and their components and how to correctly resolve these situations in accordance with Standard Operating Procedures (SOP's). They can also be hidden on person or in personal property for training with the WTMD, HHMD and Pat-Down and Whole Bag Search procedures. .

**Standard:** All IED components and explosive simulants to be of visual and tactile quality and show realistic images on the x-ray and EDS.

#### **Components:**

##### **A. Explosives Simulants (5)**

(b)(3):49 U.S.C. § 114(r)

##### **B. Batteries (3)**

(b)(3):49 U.S.C. § 114(r)

##### **C. Switches (4) (Timers)**

(b)(3):49 U.S.C. § 114(r)

##### **D. Initiators (5) (Detonators)**

(b)(3):49 U.S.C. § 114(r)

#### **Documentation:**

1. Operational Directive OD-400-50-1-11, October 19, 2009, Procedures for use and Control of the IED and Weapons Training Kits (printed and CD).

2.. Kit Operating Instruction Manual (print and CD)

3. Property Hand Receipts

4. Material Safety Data Sheets (MSDS) for simulants as required\_(CD)

## Modular Bomb Set (MBS) IIA Training Kit

**Purpose:** This kit is designed for classroom TSO training for IED and IED component recognition and for all facets of IED detection and resolution training at the checkpoint.

**Description:** The kit contains multiple inert IED components that by themselves or fully assembled can be run through the x-ray for image presentation or hidden in bags to train TSOs how to recognize IEDs and their components and how to correctly resolve these situations in accordance with Standard Operating Procedures (SOP's). Additionally, the kit contains multiple pat-down training aids that allow the IED components or fully assembled IEDs to be placed on person for pat down training. The kit has been upgraded over time to three sections:

Section 1 - Additional IED components not included in the MBS II kit.

Section 2 - (b)(3):49 U.S.C. § 114(r)

(b)(3):49 U.S.C. § 114(r) For airports that have multiple sets of IED training kits, each MBS IIA kit they have, should have (b)(3):49 U.S.C. § 114(r) are designed to be placed in carry-on or worn by an individual for checkpoint IED detection training.

Section 3 - Pat-Down training aids provide the TSOs with easy to use training aids that will allow for realistic pat-down training with the flexibility to vary the training scenarios for maximum effectiveness

**Standard:** All IED components and explosive simulants to be of visual and tactile quality and show realistic images on the x-ray. Pat-Down training aids with the IED components to present realistic training for the WTMD, HHMD, AIT and Pat-Down procedures.

### Section 1 Components:

#### A. Explosives Simulants

(b)(3):49 U.S.C. § 114(r)

#### B. Switches

(b)(3):49 U.S.C. § 114(r)

#### C. Initiators (Detonators)

(b)(3):49 U.S.C. § 114(r)

#### D. Transistor Switch (SCR)

Electronic component that connects the switch and power supply to the initiator.

#### E. Battery Connector

To connect the Power Supply to the IED. Batteries not included.

**Section 2 Components:**

(b)(3):49 U.S.C. § 114(r)

**Section 3 Components:**

(b)(3):49 U.S.C. § 114(r)

**Documentation**

1. Operational Directive OD-400-50-1-11, October 19, 2009, Procedures for use and Control of the IED and Weapons Training Kits (printed and CD).

2.. MBS IIA Kit Operating Instruction Manual (print and CD)

(b)(3):49 U.S.C. § 114(r) 3. [redacted] Instruction Manual (print and CD)

4. Pat-Down Training Aids Instruction Manual (print and CD)

5. Property Hand Receipts

6. Material Safety Data Sheets (MSDS) for simulants as required\_(CD)

## IED Baseline Training Kit A

**Purpose:** This kit is designed to provide baseline IED Recognition and Resolution training to TSOs in the classroom and at the checkpoint.

(b)(3).49 U.S.C. § 114(r)

(b)(3):49 U.S.C. § 114(r)

**Documentation:**

1. Operational Directive OD-400-50-1-11, October 19, 2009, Procedures for use and Control of the IED and Weapons Training Kits (printed and CD).
- 2.. Kit Operating Instruction Manual (print and CD)
3. Property Hand Receipts
4. Material Safety Data Sheets (MSDS) for simulants as required\_(CD)

### **Liquid Explosive Training Kit**

**Purpose:** The Liquid Explosives Training Kit is designed for classroom TSO training for liquid explosives IED and IED component recognition and for liquid explosives IED detection and resolution training in checked baggage.

(b)(3);49 U.S.C. § 114(r)

**Documentation:**

1. Operational Directive OD-400-50-1-11, October 19, 2009, Procedures for use and Control of the IED and Weapons Training Kits (printed and CD).

2.. Kit Operating Instruction Manual (print and CD)

3. Property Hand Receipts

4. Material Safety Data Sheets (MSDS) for simulants as required\_(CD)



**Technical Support Working Group (TSWG) Explosives Training Kit**

**Purpose:** The TSWG Explosives Training Kit is an explosive recognition-training tool intended to be used in the classroom.

(b)(3);49 U.S.C. § 114(r)

(b)(3);49 U.S.C. § 114(r)

**Documentation:**

1. Explosives Simulant Training Kit Manual
2. Safety Instructions for handling of the simulants and the cleanup of any simulant spills.
3. Material Safety Data Sheets (MSDS) for the simulants used
4. Operational Directive OD-400-50-1-11, October 19, 2009, Procedures for use and Control of the IED and Weapons Training Kits (printed and CD).
5. Property Hand Receipts

## **IED Component Display Board**

**Purpose:** The IED Component Display Board is designed to provide a quick ready reference on IED components and their corresponding x-ray images for the TSOs .

**Description:** The board is SSI and meant to be displayed in a TSA controlled training room or other controlled space. The board is separated into 4 sections, per the PIES acronym: Section 1) **P**ower Supply, Section 2) **I**nitiator, Section 3) **E**xplosives (simulants) and Section 4) **S**witches. Each item displayed is accompanied by its matching x-ray image on both the Heimann and Rapiscan x-ray machines. In most cases the actual item is permanently attached to the board. For a few items, however, a high quality photo of the item is displayed.

The Display Board also comes with a CD explaining each component and a cloth security cover that can be easily installed if there will be uncleared individuals in the area of the board.

For those small airports that do not have a dedicated controlled space for the display board, an actual size laminated high quality reproduction with CD will be offered. The reproduction can be displayed for training and easily removed and secured when training is complete.

**Standard:** The displayed items on the board are permanently mounted. The explosive simulants are visual/tactile quality. The board is designed to be used as a reference/training tool.

### **Components:**

1. Power Supplies: 11
2. Initiators: 17
3. Explosives (simulants): 15
4. Switches: 15

### **Documentation:**

1. CD with
  - a. Reference material on each item on the board,
  - b. MSDS for the explosive simulants
  - c. Operational Directive OD-400-50-1-11, October 19, 2009, Procedures for use and Control of the IED and Weapons Training Kits (printed and CD).
2. Property Hand Receipts

### **Weapons Training Kit**

**Purpose:** The Weapons Training Kit is designed to teach TSO's basic weapons identification and to allow the TSO's to train on the detection of these weapons in the classroom and checkpoint environment.

(b)(3);49 U.S.C. § 114(r)

**Documentation:**

1. Operational Directive OD-400-50-1-11, October 19, 2009, Procedures for use and Control of the IED and Weapons Training Kits (printed and CD).
- 2.. Kit Operating Instruction Manual (print and CD)
3. Property Hand Receipts

### **Thumbprint Quality Control (TQC)**

**Purpose:** Thumbprint Quality Control (TQC) is as explosive simulant designed to produce an alarm on Explosive Trace Detector (ETD) machines for use in testing and training Transportation Security Officers (TSO) in ETD operations, explosives detection and alarm resolution.

(b)(3):49 U.S.C. § 114(r)

#### **Documentation:**

1. TQC Instructions Brochure
2. Material Safety Data Sheet (MSDS) for the TQC material
3. A CD that contains a training video
4. Property Hand Receipts

### **IED Accessory Kit Program**

**Purpose:** The IED Accessory Kit program was designed to fill two holes in the IED Training Kit Program.

1. To increase the variety and complexity of IED training aids for the TSOs over what is currently available with the IED Training Kits (MBS Kits).
2. Provide a quick response in providing the TSOs with actual training aids in the event of a terrorist incident or intelligence warning of an impending terrorist attack.

**Description:** The IED Accessory Kit Program will supply the design for three IED training aids to the TSA Security Specialist (Explosives) (TSS (E), formally BAOs, at the hub and Cat X airports every three months. These quarterly IED Accessory kits would be designed by a TSS-E working group and built by TSS-Es at the hubs and category X airports in support of their hub/spoke configuration. The design of the kits will be approved by the Explosives Operations Division (EOD) and Operational and Technical Training (OTT). The TSS-Es at the hubs and Cat X airports are provided with funds and components in support of this effort.

Additionally, a 50-bag TRX simulator training session will be developed and distributed for each new IED Accessory Kit. This will provide supplemental TSO image interpretation training for explosives simulants, IEDs, and IED components.

The Accessory Kit program will also provide an enhanced capability to respond to an actual or attempted terrorist attack by using available technical information to design and distribute plans to the BAO leads for immediate construction of “new” items to be used to support hands-on TSO training on a new threat.

**Standard:** The Accessory kits will use visual, tactile and x-ray quality simulants and will be available for all facets of TSO training including classroom, checked point and checked baggage.

#### **Components:**

Each quarterly kit will consist of:

- a. Three IEDs
- b. Miscellaneous components

#### **Documentation:**

1. IED build Instructions
2. IED build animation
3. IED Accessory Kit Breakdown
4. Description of Contents (Stuffing Sheet ) for BAO airports
5. Description of Contents (Stuffing Sheet ) for Non-BAO airports

### **Bottle Liquid Scanner Training Kit (Prototype)**

**Purpose:** The Bottle Liquid Scanner (BLS) kit is designed to provide the TSOs with a training kit to be used for training on new liquid scanner technology. As new technologies are fielded, specific training components for that specific technology will be added to the kit until final configuration is reached.

**Description:** This kit is still a prototype with a total population of 27. Future plans are pending procurement and distribution decisions by TSA leadership. The present kit provides training for the Smiths "ResponderR" liquid scanner technology.

This kit contains sample bottles of common items to be used for training. The kit will also contain an alarm substance for each of the technologies employed. Currently, only one is represented in the kit, the Smiths ResponderR. As the other technologies are ready to be fielded, the appropriate items will be added to the kits. That should just entail an alarming substance for each new technology.

The long range plan is to add the required items to the 27 prototypes in the field. Once the technologies are fielded and the final contents of the kit approved it will move to full production and distribution. Final quantity needed has not been determined.

**Standard:** This kit is designed for operator training only. This kit is not designed for operational testing or field exercises for TSOs.

#### **Components:**

1. One Clear Bottle with Ridges (16-22 oz)
2. One Translucent/frosted bottle (approx 8 oz)
3. Two Jars of Baby Food, various sizes (minimum 4 oz)
4. One Baby Bottle (8-12 oz)
5. One Green or Dark Tinted Bottle (16-22 oz)
6. Container of Alarm Substance (b)(3):49 U.S.C. § 114(r)

#### **Documentation:**

1. Bottle Liquid Scanner (BLS) Training Kit Manual
2. OD-400-50-1-11, Procedures for use and Control of the IED and Weapons Training Kits dated October 19, 2009
3. Material Safety Data Sheet (MSDS) for Alarm Substance (b)(3):49 U.S.C. § 114(r)
4. Property Hand Receipts





**Practical Skills Evaluation (PSE) Kit**

**Purpose:** The PSE Kit is used by the Office of Human Capital (OHC) to conduct the TSOs annual required Practical Skills Evaluation. The quality control for condition and uniformity is paramount with the PSE kit because the testing must be consistent in all parts of the country.

**Description:** The PSE kit contains a number of items, both threat and non-threat, that must be in good condition to present items that would normally be carried by passengers and do not show evidence of tampering or continued handling and inspection. The PSE kit consists of two boxes.

**Standard:** The condition of the items in this kit is paramount to ensure consistency of test around the country.

**Components:****PSE Kit Box 1**

	Qty	U/I	Cost
Baseball Cap	2	Ea	
Jacket, light	2	Ea	
Sarong	2	Ea	
Matching Shoes	2	Pair	
PSE Combination Lock	1	Ea	
Duffle Bags	1	Ea	
Roller boards	1	Ea	
PSE Threat Kit	1	Ea	

**Threat Kit**

(b)(3);49 U.S.C. § 114(r)	2	Ea	
	2	Ea	
	2	Ea	
	1	Ea	
	1	Ea	
	2	Ea	
	1	Ea	
	1	Ea	

Key ring with Key	1	Set	
Box Knife	2	Ea	
Pocket Knife	2	Ea	
Lighter	1	Ea	
PSE Combination Lock	1	Ea	
Writing Pen	1	Ea	
Cell Phone	2	Ea	
Nail Clipper	1	Ea	
Toothpaste	2	Ea	
Analog Watch	1	Ea	
Digital Watch	1	Ea	

**PSE Kit Box 2**

Books	2	Ea	
Dress Shirts	4	Ea	
Polo Shirts	8	Ea	
Pants	4	Ea	
Socks, pair	4	Ea	
PSE Combination Lock	1	Ea	
Duffle Bags	1	Ea	
Roller boards	1	Ea	
Two-way Radio	2	Ea	
Ipod Clock	2	Ea	
Curling Iron	1	Ea	
Shipping containers; 2 olive green bin in cardboard boxes	2	Ea	

**Documentation:**

1. Property Hand Receipts
2. OD-400-50-1-11, Procedures for use and Control of the IED and Weapons Training Kits dated October 19, 2009
3. Kit Operations Manual/Instructions

(b)(3):49 U.S.C.  
§ 114(r)

**E-WTMD Calibration Test Pieces [REDACTED] and Operational Test Piece (OTP)**

**Purpose:** The Enhanced Walk Through Metal Detector (E-WTMD) calibration test kit is the only authorized item for the field to use for testing the correct calibration of the E-WTMD.

**Description:** The test kit is made up of three pieces. The test pieces are selected and certified by the Transportation Security Laboratory (TSL). The Operational Test Piece (OTP) is a fourth item but is not included in the kit. It is used for daily operational checks.

**Standard:** The calibration test pieces are to be used after maintenance, anytime the machine is moved, upon initial installation or at least every 30 days if none of the above has occurred. The OTP will be used daily prior to operations. Test pieces are selected and certified by the TSL.

**Components:**

All items are described below. The three pieces included in the kit are:

1. DA -
2. BR -
3. NAA -

(b)(3):49 U.S.C. § 114(r)

These test pieces will be incased in

(b)(3):49 U.S.C. § 114(r)

(b)(3):49 U.S.C. § 114(r)

1. DA -
2. BR -
3. NAA -

(b)(3):49 U.S.C. § 114(r)

(b)(3):49 U.S.C. § 114(r)

BR Test Piece

DA Test Piece

(b)(3):49 U.S.C. § 114(r)

NAA Test Piece Approved Configurations

(b)(3):49 U.S.C. § 114(r)

All weapons are de-milled, that is rendered non-operational, before being encased in the epoxy resin.

### **Daily Operational Test Piece**

This is the only authorized daily operational test piece (OTP). The OTP will **NOT** be placed in the Sunflower property management system.

#### **Operational Test Piece (OTP)**

(b)(3):49 U.S.C. § 114(r)

### **Documentation:**

- (b)(3):49 U.S.C. § 114(r) 1. E-WTMD [redacted] Calibration Test and Daily Operational Test Reference Card
2. E-WTMD Calibration Test Piece and Operational Test Piece Description Document
3. Property Hand Receipts

### **Generic IED Training Kit**

**Purpose:** The Generic IED Training Kit is designed to provide authorized non-TSA users the capability to accomplish IED recognition and detection training using timely, realistic training aids but not give away the standards that TSA personnel are trained to.

**Description:** The kit combines items from a number of the TSA designed Modular Bomb Sets (MBS kits.) All markings and reference to TSA have been removed and in some cases the configuration of the items have been changed from the original components designed by TSA. The kit is designed around the modular concept of components and includes examples of all four IED components and other training aids such as pat-down training aids.

**Standard:** All components including explosive simulants are visual, tactile and x-ray quality and can be used for classroom and operational training. The kit can be modified for authorized users.

**Components:**

(b)(3):49 U.S.C. § 114(r)

(b)(3):49 U.S.C. § 114(r)

**Documentation:**

1. IED Detection Training Kit Manual
2. Property Hand Receipts

### **Generic Weapons Training Kit**

**Purpose:** The Generic Weapons Training Kit is designed to provide authorized non-TSA users the capability to accomplish Weapons recognition and detection training using timely, realistic training aids but not give away the standards that TSA personnel are trained to.

(b)(3):49 U.S.C. § 114(r)

**Documentation:**

- 1.. Kit Operating Instruction Manual (print and CD)
2. Property Hand Receipts





# **Functional Requirements Document (FRD) For [Asset/System Title]**

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**DHS Systems Engineering  
Life Cycle**

**TRANSPORTATION SECURITY  
ADMINISTRATION**

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## **Executive Summary**

Include an executive summary with the salient points of the FRD. The executive summary should be very short and should provide a synopsis of the body of the FRD.

### Revision Summary (If Applicable)

Provide a bulleted high-level description of what changes have occurred and why in the current submission. Provide the date of the revisions. See format below.

#### DOCUMENT CHANGE HISTORY

Version Number	Date	Description

## Preface

The functional requirements document (FRD) is a formal statement of an application's functional requirements. It serves the same purpose as a contract. The developers agree to provide the capabilities specified. The client agrees to find the product satisfactory if it provides the capabilities specified in the FRD.

Quality is meeting requirements. For that reason, the FRD is the central document in system development. It is used for the following:

- Designing and developing the application system.
- Evaluating the product in all subsequent phases of the life cycle.
- Determining the success of the project.

The FRD has the following characteristics:

- It demonstrates that the application provides value in terms of the business objectives and business processes in the 5-year plan.
- It contains a complete set of requirements for the application. It leaves no room for anyone to assume anything not stated in the FRD. .
- It is solution independent. The FRD is a statement of what the application is to do-not of how it works. The FRD does not commit the developers to a design. For that reason, any reference to the use of a specific technology is entirely inappropriate in an FRD.

A requirement is a condition that the application must meet for the customer to find the application satisfactory. A requirement has the following characteristics:

- It provides a benefit to the organization. That benefit is directly traceable to the business objectives and business processes in the 5-Year Reengineering Plan.
- It describes the capabilities the application must provide in business terms. .
- It does not describe how the application provides that capability.
- It does not describe such design considerations as computer hardware, operating system, and database design.
- It is stated in unambiguous words. Its meaning is clear and understandable.
- It is verifiable.
- Project Description

## **1.0 INTRODUCTION**

Provide a brief overview of the project.

### **1.1.1 Background**

Summarize the conditions that created the need for the application.

### **1.1.2 Purpose**

Describe the business objectives and business processes from the CONOPS document and the CBA that this application supports.

### **1.1.3 Assumptions and Constraints**

Assumptions are future situations, beyond the control of the project, whose outcomes influence the success of a project. The following are examples of assumptions:

- Availability of a hardware/software platform
- Pending legislation
- Court decisions that have not been rendered
- Developments in technology

Constraints are conditions outside the control of the project that limit the design alternatives. The following are examples of constraints:

- Government regulations
- Standards imposed on the solution
- Strategic decisions

Be careful to distinguish constraints from preferences. Constraints exist because of real business conditions. Preferences are arbitrary. For example, a delivery date is a constraint only if there are real business consequences that can happen as a result of not meeting the date. Preferences, if included in the FRD, should be noted as such.

### **1.1.4 Interfaces to External Systems**

Name the applications with which the subject application must interface. State the following for each such application:

- Name of application
- Owner of application (if external)
- Details of interface (only if determined by the other application)

## **1.2 Points of Contact**

List the names, titles, and roles of the major participants in the project. At a minimum, list the following:

- project leader
- Development project leader
- User contacts
- employee whose signature constitutes acceptance of the FRD

## **1.3 Document References**

Name the documents that were sources of this version of the FRD. Include meeting summaries, white paper analyses, CONOPS, CBA, and other System Development Life Cycle deliverables, as well as any other documents that contributed to the FRD. Include the Configuration Management identifier and date published for each document listed.

## **2.0 FUNCTIONAL REQUIREMENTS**

The functional requirements describe the core functionality of the application. This section includes the data and functional process requirements.

### **2.1 Data Requirements**

Describe the data requirements by producing a logical data model, which consists of entity relationship diagrams, entity definitions, and attribute definitions. This is called the application data model. The data requirements describe the business data needed by the application system. Data requirements do not describe the physical database.

### **2.2 Functional Process Requirements**

Process requirements describe what the application must do. Process requirements relate the entities and attributes from the data requirements to the users' needs.

State the functional process requirements in a manner that enables the reader to see broad concepts decomposed into layers of increasing detail.

Process requirements may be expressed using data flow diagrams, text, or any technique that provides the following information about the processes performed by the application:

- Context
- Detailed view of the processes
- Data (attributes) input to and output from processes
- Logic used inside the processes to manipulate data
- Accesses to stored data
- Processes decomposed into finer levels of detail

## **3.0 OPERATIONAL REQUIREMENTS**

Operational requirements describe the non-business characteristics of an application. .

State the requirements in this section. Do not state how these requirements will be satisfied. For example, in the Reliability section, answer the question, "How reliable must the system be?". Do not state what steps will be taken to provide reliability.

Distinguish preferences from requirements. Requirements are based on business needs. Preferences are not. If, for example, the user expresses a desire for sub-second response but does not have a business-related reason for needing it, that desire is a preference.

### **3.1 Security**

The security Section describes the need to control access to the data. This includes controlling who may view and alter application data.

State the consequences of the following breaches of security in the subject application:

- Erasure of contamination of application data
- Disclosure of Government secrets
- Disclosure of privileged information about individuals

State the type(s) of security required. Include the need for the following as appropriate:

- State if there is a need to control access to the facility housing the application.
- State the need to control access by class of users. For example, "No user may access any part of this application who does not have at least a (specified) clearance."
- State the need to control access by data attribute. State, for example, if one group of users may view an attribute but may not update it while another type of user may update or view it.
- State the need to control access based on system function. State for example, if there is a need to grant one type of user access to certain system functions but not to others. For example, "This function is available only to the system administrator."
- State if there is a need for accreditation of the security measures adopted for this application. For example, C2 protection must be certified by an independent authorized organization.

### **3.2 Audit Trail**

List the activities that will be recorded in the application's audit trail. For each activity, list the data to be recorded.

### **3.3 Data Currency**

Data currency is a measure of how recent data are. This section answers the question, "When the application responds to a request for data how current must those data be?". Answer that question for each type of data request.



### 3.4 Reliability

Reliability is the probability that the system will be able to process work correctly and completely without being aborted.

State the following in this section:

- What damage can result from this system's failure?
  - Loss of human life
  - Complete or partial loss of the ability to perform a mission-critical function
  - Loss of revenue
  - Loss of employee productivity
- What is the minimum acceptable level of reliability?

State required reliability in any of the following ways:

- Mean Time Between Failure is the number of time units the system is operable before the first failure occurs.
- Mean Time To Failure is computed as the number of time units before the system is operable divided by the number of failures during the time period.
- Mean Time To Repair is computed as the number of time units required to perform system repair divided by the number of repairs during the time period.

### 3.5 Recoverability

Recoverability is the ability to restore function and data in the event of a failure.

Answer the following questions in this section:

- In the event the application is unavailable to users (down) because of a system failure, how soon after the failure is detected must function be restored?
- In the event the database is corrupted, to what level of currency must it be restored? For example "The database must be capable of being restored to its condition on no more than one hour before the corruption occurred."
- If the process site (hardware, data, and onsite backup) is destroyed how soon must the application be able to be restored?

### 3.6 System Availability

System availability is the time when the application must be available for use. Required system availability is used in determining when maintenance may be performed.

In this section state the hours (including time zone) during which the application is to be available to users. For example, "The application must be available to users Monday through Friday between the hours of 6:30 a.m. and 5:30 p.m. EST." If the application must be available to users in more than one time zone state the earliest start time and the latest stop time.

Include the times when usage is expected to be at its peak. These are times when system unavailability is least acceptable.

### **3.7 Fault Tolerance**

Fault tolerance is the ability to remain partially operational during a failure. Describe the following in this section:

- Which functions need not be available at all times?
- If a component fails what (if any) functions must the application continue to provide? What level of performance degradation is acceptable?

For most applications, there are no fault tolerance requirements. When a portion of the application is unavailable there is no need to be able to use the remainder for the application.

### **3.8 Performance**

Describe the requirements for the following:

- Response time for queries and updates
- Throughput
- Expected volume of data
- Expected volume of user activity (for example, number of transactions per hour, day, or month)

### **3.9 Capacity**

List the required capacities and expected volumes of data in business terms. For example, state the number of cases about which the application will have to store data. For example, "The project volume is 600 applications for naturalization per month." State capacities in terms of the business. Do not state capacities in terms of system memory requirements or disk space.

### **3.10 Data Retention**

Describe the length of time the data must be retained. For example, "information about an application for naturalization must be retained in immediately accessible from for three years after receipt of the application."

## **4.0 REQUIREMENTS TRACEABILITY MATRIX**

The requirements traceability matrix (RTM) provides a method for tracking the functional requirements and their implementation through the development process. Each requirement is included in the matrix along with its associated section number. As the project progresses, the RTM is updated to reflect each requirement's status. When the product is ready for system testing, the matrix lists each requirement, what product component addresses it, and what test verify that it is correctly implemented.

Include columns for each of the following in the RTM:

- Requirement description
- Requirement reference in FRD

- Verification Method
- Requirement reference in Test Plan

## **Appendix A-Glossary**

Include business terms peculiar to the application. Do not include any technology-related terms.

**Conditions and Assumptions for HSTS01-11-J-OOP015 (TO12) – TME&I**

The prices in this Task Order are based on the following conditions and assumptions that have been accepted by the Government.

***All Tasks – General C&A***

1. New Business Rules/Procedures – In the event new, or revised operational procedures and/or business rules are implemented by the government during this period of performance, LM will conduct an impact analysis of the changes and assumes that a Request For Proposal (RFP) will be issued to amend the contract if the results of the analysis indicate any labor, ODC, or other cost impact which will require additional funding.
2. Lockheed Martin is proposing labor hours for each job category based on the requirements listed in the Statement of Work. In order to accurately match the proposed level of effort with the exact requirements, LM has leveraged team members across tasks and a number of part-time team members to provide full utilization of all team members. This approach allows for skill sets to be scaled to meet the exact requirement of the task order without proposing only complete FTEs for positions. In the event priorities change requiring workflow adjustments precluding full use of this staff model, LM will have to adjust, re-price, and rebid the labor and costs for this proposal resulting in increased costs required for additional staff. LM assumes the government will provide the opportunity for a labor adjustment and re-pricing should priority changes conflict with our proposed labor model.
3. LM assumes any logistics requirements not specifically identified in the TSA OTT SOW may require additional funding to ODCs (and potentially labor) depending on the level of additional requirements requested.
4. Lockheed Martin will adhere to all personnel security requirements for SST900. This includes the submission and fully qualified security vetting of personnel prior to duty assignment on the program. This condition will impact LM's ability to quickly hire and replace attrition based (both voluntary and involuntary separations from employment) staffing shortages. This Personnel Security process may result in temporary staffing shortages which could require additional travel (cost reimbursable items in CLIN 1003) to cover the placement of resources where needed for coverage.
5. Due to the personnel security requirement on SST900, specifically the need for 100% completion of the security vetting process prior to SSI/PPI access, LM will ensure that every aspect of our staffing plan and human resource strategy works to maintain a 90-day, or less responsiveness from the identification of staffing requirements to the activation of fully qualified and security vetted candidates.
6. LM assumes no more than two (2) review cycles for any deliverable (draft and final) with the second review cycle requiring fewer changes than the first. Additional review cycles will impact the schedule and cost, and result in the need for additional funding.

7. Lockheed Martin assumes the frequency, complexity, and volume of OTT directed reports will not exceed the resources dedicated and priced for this effort. LM will notify OTT of resource limitations when needed and request prioritization of tasking to mitigate schedule conflicts and/or request additional funds and a 90-day minimum notification for increased staffing/resources.
8. Lockheed Martin assumes the frequency, complexity, and volume of OTT requested presentation support will not exceed the resources dedicated and priced for this effort. LM will notify OTT of resource limitations when needed and request prioritization of tasking to mitigate resource conflicts and/or request additional funds and a 90-day minimum notification for increased staffing/resources.
9. LM assumes that when a conflict in requirement exists between OTT and OIT that OTT will resolve the conflict and provide updated requirements. LM assumes that these types of requirements change do not affect level of effort required to maintain and manage the laptops.
10. LM assumes that TSA will maintain responsibility for ensuring that the users they nominate for access to the LMSC or LMI meet all security requirements for access to SSI.
11. Changes in the IT environment, including hardware, software, security, and network topography, may impact Lockheed Martin's ability to troubleshoot and repair simulation products. Lockheed Martin will work with TSA throughout the development process to ensure operational viability of the final product; however, the IT environment is out of Lockheed Martin control and changes to the environment may prevent products from functioning properly requiring additional resources to adjust software and requiring additional funding.
12. LM assumes that for the Firm Fixed Price elements of this task order that it will have the authority to marshal the necessary resources to accomplish the efforts. This includes the ability to travel and acquire ODCs as necessary. Should TSA deny travel or ODCs necessary to fulfill the requirements within the FFP elements of this effort LM will be provided the opportunity to delay or eliminate the deliverable or reprice the effort to compensate for the material change created beyond LM's control.
13. LM has priced the minimum number of anticipated labor categories for T&M elements of this order rather than attempting to propose a full spectrum of labor categories. LM reserves the right to assess each T&M requirement as its defined to determine the appropriate mix of labor categories to accomplish the effort. LM assumes that if additional labor categories are required for a specific CLIN that approval to add will not be unreasonably withheld by TSA.

***Task A – Conditions and Assumptions***

1. LM assumes that TSA plan reviews are limited to the available resources on Task A working a normal 40 hour work week and that plan reviews will not impact schedule or deliverables.
2. LM assumes that one (1) Monthly Program Management Review (PMR) per month will be supported.

3. LM will develop and execute a mutually agreed to master integrated schedule for this effort and assumes that any delay in the schedule outside the control of LM will ultimately delay the deliverable. Due dates within the project file for end item deliverables will prevail should a conflict exist.
4. All government equipment and property assigned to LM will be managed within the LM property system; however, spare kits and those assigned to entities not within the control of LM will be managed in sunflower and not the LM property system as outlined in Task F of this effort.
5. LM assumes all RFDs will be approved within two calendar days. If the government fails to approve the RFD in the time allotted LM reserves the right to revisit cost and schedule.
6. TSA has indicated that new ODC rules will be implemented on the base contract; however, at the writing of this proposal LM has not had an opportunity to review the new rules. LM will comply with all FAR and base contract requirements for materials acquisition under all circumstances. LM assumes that any new rules will not impact LM's ability to perform and execute FFP elements of this task order and if new rules do produce production impacts that LM will have the opportunity to reprice the effort. LM assumes that the following rules will be continued until new rules have been implemented and mutually agreed to.
7. LM assumes that TSA will allow our procurement process to function as defined in 3.4.3.3 without item/instance level pre-approval as follows:
  - Per item for GFE purchases of \$1500 or less not to exceed \$15,000, except for
  - Firearms valued at \$1000 or less not exceed the TSA approved monthly quantity, and
  - Monthly supplies at \$5000 or less
  - LM will provide the Technical Monitor monthly reports outlining expenditures. LM will fully comply with FAR procurement standards including micro-purchase policies and requirements.
  - LM assumes those items specifically stated in the LM proposal under CLIN 1002 (Cost Reimbursable) are approved for ongoing procurement under this process and within the limitation of funding upon contract award
8. LM assumes TSA will supply TSA property tags in support of this effort.
9. LM assumes as stated in paragraph 3.4.3.1 that kits on the spares line and those not explicitly assigned to LM will not be managed in the LM property system—but will be managed in the TSA sunflower system as outlined in Task F of this effort.
10. LM will provide delivery and tracking information on kits, as well as inventory and location to TSA on-demand within 3 business days of request.

11. LM reserves the right to determine/certify need to know for anyone supporting this effort. LM assumes that only individuals with valid need to know will be required to hold clearances and clearances shall be consistent with the level of access granted.
12. LM and sub-contractor personnel for this Task Order who require access to classified information will hold the appropriate security clearance or higher to support the necessary contractual requirements.
13. LM will require, at a minimum, access to Transportation Security Equipment (TSE) vulnerabilities, threshold weights for explosive alarms, and net explosive weights used for training and testing transportation security officers..
14. LM will require access to existing and emerging intelligence data relating to terrorist training, designs for Improvised explosive devices, concealment tactics and strategies, and other information necessary to replicate the terrorist threat.
15. Select LM personnel and subcontractor personnel will require courier credentials issued by DHS/TSA to allow for the transport of classified information. LM will provide a list of trained classified couriers to TSA to facilitate issuance of the appropriate credentials.
16. Select LM and subcontractor employees assigned to this task require credentials that indicate that they work in support of TSA and frequently transport explosive simulants that appear real without lab testing, and other weapons including real and inert replicas.
17. LM assumes laptops for this function will be issued by the TSC and imaged by TSA OIT.
18. LM will retain copies of "Electronic Baggage Screening Program Requirements for Automatic Detection of Explosives" v5.8, TSA Passenger and Carry-On Baggage Explosives Detection Requirements v3.2 dated 5 December 2006, "IT Technical Checkpoint Screening Operations" v3.1.01 dated 17 July, 2009, and AT X-ray Detection Requirements Appendix 2.0 dated 5 March, 2010 and other equipment specifications as necessary throughout the PoP. The first is classified Secret and the others are Confidential.
19. LM will store one copy at the TML and one copy in the Crystal City facility in a secure location.
20. LM is authorized to disclose TSA classified information to cleared subcontractors when access is necessary to perform tasks or services for fulfillment of a prime or sub- contract.
21. LM assumed that the TML will be required as a minimum through the PoP of the SST900 contract; however, if for any reason an extension of this Task Order PoP is not granted LM will be entitled to reimbursement for all of the unamortized debts / costs and the remaining lease obligations including early termination fees for the facility.

22. LM assumes that this task order will be awarded no later than 1/31/2011.
23. LM will do its best to fit all equipment in the proposed floor plan; however, any deviation in the foot print of the "new" equipment or electrical requirements defined may cause need for additional space and/or electricity (Transformer) that are not priced in this proposal.
24. LM assumes that if modification to the facility is required during this period of performance, a modification to this order will be issued prior to any construction beginning.
25. On rare instance (LM assumes not more than one (1) time), when OST is unable to supply riggers for movement of TSE in or out of the TML, LM will provide the riggers.
26. Facility maintenance will be CLIN1004, TSE Maintenance will be CLIN1002.
27. LM will leverage TSA maintenance agreements when possible.
28. LM assumes that SME support will not exceed 1160 hours of technical staff and 400 hours of OEM support.
29. TSA will route the trouble tickets received by TSA Training to LM for action by instructing the airport to open a trouble ticket on the LMSC.
30. LM assumes the TM will only task when an actual emergency exists and these tasks will be limited to not more than two hours per month. Should after hours support be required more than two hours per month, LM reserves the right to reprice this effort.
31. LM assumes not more than 5 threat items will be required within 48 hours and that parts are available. If parts must be ordered, time does not start until parts are received.
32. LM assumes TSA personnel will be available for consult within 30 minutes, throughout the rapid response development activity.

***Task B – Conditions and Assumptions***

1. LM assumes that CTX-9800 images captured will be compatible with or convertible to the GE/Morpho TIP system when implemented, if not, those images will be made available for training.
2. LM assumes x-ray systems are FTI and EDS/OSARP are CTI.
3. LM assumes EDS images shall conform to existing TML training processes which include creation of the Alarm Object with common alarming characteristics across all platforms and then the Combined Alarm Image.



4. If any images are rejected, LM will perform follow-up work to develop replacement images that conform to the general specifications of the rejected image(s), correcting any identified deficiencies in the process in the next scheduled volume.
5. LM assumes that if exercised this option will be exercised no later than October 30, 2011. This option can be exercised more than once on a per machine basis. Images captured will be the images in the currently deployed or planned library not to exceed 2500 in total. Images of objects that are no longer available to the TML will be omitted.
6. LM assumes that if exercised this option will be exercised no later than February 1, 2011. Images captured will be the images in the currently in the TIL repository not to exceed 6000 in total. This option may be exercised for other new systems; however, award must be prior to June 30, 2011. LM will initially capture any images necessary to complete the currently deployed library, followed by remaining images in the repository. LM assumes this option will NOT be awarded if Option A is awarded for the same type TSE as this option includes the images from Option A. Images of objects that are no longer available to the TML will be omitted.
7. LM assumes that requirements set forth in paragraph 3.5.4 will not exceed the efforts of the PM team, ARs, and 5 FTEs.
8. LM assumes reports not to exceed 2 presentations a month.
9. LM assumes each presentation will include not more than 20 pages per PowerPoint, with front and back cover, CD sleeve, CD and label metal comb bound. Duplication and distribution will be funded under CLIN 1002.
10. LM assumes one per month with not more than 30 copies alternating between single page, double sided, laminated and tri-fold reproduction is estimated in CLIN 1002.
11. LM assumes travel costs will be against CLIN 1003 and labor limited to the labor outlined in 3.5.4.
12. LM assumes travel costs will be against CLIN 1003 and labor limited to the labor outlined in 3.5.4.
13. LM assumes the MRFI report will be delivered one month after the semi-annual report.
14. LM assumes that special analyses/reports that can be accomplished within the limits of paragraph 3.5.4 during core duty hours shall be completed within CLIN 1006 and that those that can not will be accomplished under CLIN 1009.

***Task C – Conditions and Assumptions***

1. LM will assume that materials required for this effort are available from Task A.

2. LM assumes the OLC will properly update and that users will not close the browser window prematurely; however, LM is not responsible for software engineering beyond the TRX Simulator product.
3. LM assumes this assistance will be limited to providing technical information with regard to the protocol parameters for the transmission and questions.xls for test translation. LM assumes we are not liable or responsible for changes in environment, PASS Online server status, OIT security policy changes or other factors beyond the control of LM.
4. Each test will contain the exact same images and testing criteria as the FY2011 test distribution.
5. LM assumes URLs will be available (both test and production) ten days prior to draft delivery or there will be a schedule slip governed by MS project until they are available.
6. Each test will be exactly the same as the FY2011 test distribution with only minor adjustments to communications settings if appropriate and will include 100 images.
7. LM assumes URLs will be available (both test and production) ten days prior to draft delivery or there will be a schedule slip governed by MS project until they are available.
8. LM assumes URLs and test names will be available (both test and production) 30 days prior to draft delivery or there will be a schedule slip governed by MS project until they are available.
9. LM will capture at least 7 images per model with the expectation of achieving up to 15 images per model through the efficiencies attained using LM's image capture process.
10. LM assumes Image 1 will contain whatever anomalies the model is wearing upon arrival without divesting and images 2 and 8 will be clear images, with all other images containing anomalies based upon a mutually agreed to distribution.
11. LM assumes the requirement of TIFs (a file format not compatible with AIT) was in error as SIFs are generated for clear and threat images for AIT.
12. LM will target two clear and one "as is" image per model and an equal distribution of anomalous images by clothing pattern with threats based upon a mutually agreed upon threat distribution. Images captured shall be placed in the repository and libraries built based upon the following standards.
13. This proposal is based on the TSA defined ratio above. However, if TSA wishes to change it, LM will work with TSA to develop a mutually agreed upon ratio at the kickoff meeting. LM assumes that the negotiated ratio, if any, will fit within the pricing for this effort or, based on LM analysis, will require a modification to the contract and/or additional funding.

14. LM assumes the use of the same threat item shall not be duplicated in any scan. No body zone will have more than one threat. A threat may occupy more than one body zone. No scan will have more than three anomalies other than scan 1.
15. LM assumes scan 1 is not considered in calculating ratios and that anomaly ratios are developed by dividing the number of type anomalies by the total number of anomalies. Images with multiple anomalies do not impact the distribution ratio other than in the definition of percent with 1, 2, or 3 anomalies.
16. The user shall be able to select images when viewing (LM assumes on the TIL) by type, body type, threat type, difficulty level, or image name.
17. LM assumes reports will be comparable to those currently used to analyze AIT pilot performance.
18. LM will use medical personnel to assist models in dressing and threat placement and to ensure proper sanitation of threat/non-threat items worn by models. To support privacy concerns, photographs of models will have faces blurred, and actual threat placement will be photographed on mannequins.
19. LM assumes reports will be comparable to those currently used to analyze AIT pilot performance.
20. LM assumes pilot start is the date that proctors begin training.
21. LM assumes scoring options are limited to those available in TRX Simulator.
22. LM has priced roughly two proctors per airport, for five weeks, to 10 airports (roughly half what was priced in Task F of TO 02) purely as a generic pricing model. Actual airports and proctors will be developed as part of the pilot design.
23. LM assumes this is draft delivery and that it will be afforded at least 30 days of integration testing prior to final delivery.
24. LM assumes that modifications required to PASS Online will not require modifications to TRX Simulator and that PASS Online will be available for testing at least 30 days prior to final distribution delivery.
25. LM assumes the OLC will properly update and that users will not close the browser window prematurely; however, LM is not responsible for software engineering beyond the TRX Simulator product.
26. LM assumes this assistance will be limited to providing technical information with regard to the protocol parameters for the transmission and questions.xls for test translation. LM assumes we are not liable or responsible for changes in environment, PASS Online server status, OIT security policy changes or other factors beyond the control of LM.

27. LM assumes URLs will be available (both test and production) ten days prior to draft delivery or there will be a schedule slip governed by MS project until they are available.
28. LM assumes URLs will be available (both test and production) ten days prior to draft delivery or there will be a schedule slip governed by MS project until they are available.
29. LM assumes URLs will be available (both test and production) ten days prior to draft delivery or there will be a schedule slip governed by MS project until they are available.
30. LM assumes that CB software will be available on Auto-EDS equipment and configurable by TML staff not later than February 15, 2011.
31. LM assumes the first 150 CB images will be the same images captured on the CTX 9800 project, assuming alarming is consistent.
32. LM assumes the first 150 CB images will be the same images captured on the CTX 9800 project, assuming alarming is consistent.
33. LM assumes that TIFs will be created only for those images not in TRX simulator and that TRX simulator TIFs are reusable for this effort.
34. LM assumes that CB images will be accompanied by AIF and CAI images and not TIF/BIF images.
35. LM assumes the first 150 CB images will be the same images captured on the CTX 9800 project, assuming alarming is consistent.
36. LM assumes that TIFs will be created only for those images not in TRX simulator and that TRX simulator TIFs are reusable for this effort.
37. LM assumes that CB images will be accompanied by AIF and CAI images and not TIF/BIF images.
38. LM has priced a pilot model consistent with that proposed for IIT/IMT image pilot assuming NDO participation at the TML and deployment to three airports for one week each with four proctors per airport.
39. LM assumes that 12 simulators will be available for pilot.
40. LM assumes reports will be comparable to those currently used to analyze AEDS pilot performance.
41. LM assumes pilot start is the date that proctors begin training.

42. LM has priced a pilot model consistent with that proposed for IIT/IMT image pilot assuming NDO participation at the TML but reduced the time to ten days and deployment to three airports for six days each with four proctors per airport.
43. LM assumes that the Task E TM authorizes the work and software engineering will be limited to creating an application to prepare test result files for import into TRM and then manual transmission to pass online and manual update to OLC.
44. LM assumes that the Task E TM authorizes the work and software engineering will be limited to creating an application to prepare test result files for import into TRM and then manual transmission to pass online. LM assumes this assistance will be limited to providing technical information with regard to the protocol parameters for the transmission and questions.xls for test translation. LM assumes we are not liable or responsible for changes in environment, PASS Online server status, OIT security policy changes or other factors beyond the control of LM.
45. LM assumes URLs and test names will be available (both test and production) 30 days prior to draft delivery or there will be a schedule slip governed by MS project until they are available.
46. LM assumes that TIFs will be created only for those images not in TRX simulator and that TRX simulator TIFs are reusable for this effort.
47. LM has proposed a model consistent with the most recent AEDS pilot including 40 NDOs at the TML with 21 days total from end-to-end, plus 3 2 week deployments to three airports.
48. LM assumes that simulators will be available (at least 12) at least 90 days prior to pilot and that LM will have the ability to access database directly on the simulators. LM assumes that any global wipe settings can be reconfigured as appropriate.
49. LM assumes reports will be comparable to those currently used to analyze AEDS pilot performance.
50. LM assumes pilot start is the date that proctors begin training.
51. LM assumes that the Task E TM authorizes the work and software engineering will be limited to creating an application to prepare test result files for import into TRM and then manual transmission to pass online and manual update to OLC.
52. LM assumes that the Task E TM authorizes the work and software engineering will be limited to creating an application to prepare test result files for import into TRM and then manual transmission to pass online. LM assumes this assistance will be limited to providing technical information with regard to the protocol parameters for the transmission and questions.xls for test translation. LM assumes we are not liable or responsible for changes in environment, PASS Online server status, OIT security policy changes or other factors beyond the control of LM.

53. LM assumes URLs and test names will be available (both test and production) 30 days prior to draft delivery or there will be a schedule slip governed by MS project until they are available.
54. LM will provide TSA with recommended distribution prior to the start of image capture and provide TSA 5 days for review and approval. If LM has not received approval within 5 days, LM will assume the distribution meets TSA requirements and is approved.
55. LM will assume that all materials required have been provided by Task A or in 3.6.4.2 above. If materials are required they will be purchased under CLIN 1002 with TSA approval.
56. To the maximum extent possible, limited by the simulator or TSE, LM will work to develop an auto-run DVD that retains images in encrypted form precluding users from viewing images directly from the DVD.
57. LM has priced this effort based upon travel and staffing models used in the past. Should pilot design significantly deviate from the established models and require increased labor to accomplish, LM reserves the right to reprice.

***Task D – Conditions and Assumptions***

1. LM assumes the intent of this paragraph was SIF not TIF as TIFs are not compatible with AIT and SIFs are.

***Task E – Conditions and Assumptions***

1. LM assumes that data required is specifically output data and that data is currently documented in the system manual or in system interface requirements. LM will develop the DMP based upon those approved documents and submit with the functional requirements document 120 days after award.
2. LM has not priced the development or systems integration required to ensure stand alone systems can communicate with future TSA sites.
3. LM assumes this will initially be in the form of an excel spreadsheet but will evolve into LM InSight or the LMSC once funded under TO 06 or its successor task order.
4. LM assumes that when a conflict in requirement exists between OTT and OIT that OTT will resolve the conflict and provide updated requirements. LM assumes that these types of requirements changes do not affect level of effort required to maintain and manage the laptops.
5. LM assumes that timeframes required to implement any proposed change will fit within existing resources. Should the scope of the change exceed those resources proposed LM reserves the right to reprice the effort. LM assumes there are not interface issues at this time.

6. LM assumes that this level of support will be within normal duty hours and the scope will not exceed the tier 2 staff assigned. If it does, LM reserves the right to reprice.
7. LM assumes that changes to systems or the TSA environment which drives changes to TRX Simulator will be assessed by LM and may require repricing or additional funding.
8. LM assumes this statement has no direct bearing on its internal communications or activities and is provided to ensure scope exists.
9. LM has proposed a limited number of hours to support requirements review and impact analysis. LM assumes any development required in support of this task will be priced separately through a modification once requirements are known.
10. The TRX Simulator suite has been through multiple PII/SSI and OIT security reviews and been approved by the OIT CCB for deployment; therefore, LM assumes the TRX simulator suite fully complies with these requirements and therefore has not priced any changes. Should TSA determine that changes are required, LM reserves the right to reprice the effort.
11. LM is not responsible for OEM simulator compliance—but will provide best efforts to make them compliant within the LOE proposed for this effort.
12. LM assumes the whole of the TRX Simulator suite is Section 508 Exempt and has not priced any section 508 compliance development into this effort; however, if TSA desires section 508 development, LM will be happy to price it on a T&M basis. LM is not accountable or prepared to attempt section 508 development on OEM simulators. When The TRX Simulator suite was first evaluated for Section 508 compliance it was determined that the full package was exempt based upon the PII/SSI nature of TRX Simulator, all of those individuals with need to know must meet TSA Screening Visual acuity standards. This combined with its functional purpose to test visual acuity made it fully exempt.
13. LM assumes that any delays in the approval of software modifications, technical requirements, templates, or other items necessary to begin or complete software engineering will impact the schedule and may require additional funding to complete.

***Task F – Conditions and Assumptions***

1. LM will evaluate impact of any additional kit TSA requests to add and is willing to incorporate them provide labor required for parts manufacture does not increase from the 6 FTEs proposed in this section. Any new parts required would be procured under CLIN 1002 subject to the cost limitation clause.
2. LM will submit chemically based simulants to the TSL for review and approvals by batch produced and then track that batch for field level shelf life and performance. LM assumes all batches will be

approved within 10 work days from submission. If TSL fails to provide test results within 10 business days, LM reserves the right to adjust the schedule which may require re-pricing the effort.

3. LM assumes R&D efforts are a collaborative effort with TSA, TSL, and LM limited to available resources.
4. LM assumes that procurement of parts in support of kit maintenance will be provided to the technical monitor in a report on a monthly basis and not require prior approval to maintain TSA approved stock levels. Kit parts required for manufacture or suitable substitutes will require prior approval of the technical monitor. LM and its subcontractors are fully compliant with all FAR based procurement requirements including micro-purchase threshold requirements.
5. LM assumes not more than six copies of a 20 page power point presentation with covers and metal bind.
6. LM assumes that prior approval is only required when making a change.
7. LM will procure impregnated clay rather than dilute solution for the majority of simulants as the base working material.
8. Simulants will be color coded; however, deliberately not using colors of actual explosives to avoid panic if found in the field.
9. LM recommends TSA engage DPMO during annual inventory to spot check kits to ensure the new components and documents have been incorporated.
10. LM assumes not more than 5% for maintenance replacement.
11. LM assumes this shipment will include the bottom tray of the pelican 1550 case custom cut for the two new items with the items inserted and instructions for replacement of the tray.
12. LM recommends TSA engage DPMO during annual inventory to spot check kits to ensure the new components and documents have been incorporated.
13. LM assumes not more than 5% for maintenance replacement.
14. LM will work to identify a manufacturer who can reproduce the approved prototype consistently in the future.
15. LM assumes no items are rejected—but rather all prototypes are considered drafts and will be modified and updated until they fully meet TSA requirements.



16. LM will provide each member of the IED design group with an LM VPN Account and GFE laptop and air card to support remote design activities using the LM network not to exceed a total of one (1) for TSA HQ and 5 sets for field use.
17. LM assumes prototype designs are developed jointly with the IED Accessory Kit Design group and not more than one cycle of re-work is required.
18. LM assumes not more than 10 pounds of simulant per airport.
19. LM assumes that only Threat Design Engineers will be required to work with live explosives. If this requirement changes or the full spectrum of EOD personnel become required to work with or be exposed to live explosives, LM will be required to re-price EOD labor categories to include the SCA mandated 8% hazardous duty pay.

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE		PAGE OF PAGES 1 9	
2. AMENDMENT/MODIFICATION NO. P00001		3. EFFECTIVE DATE 03/15/2011		4. REQUISITION/PURCHASE REQ. NO. 2111201HRM073	
5. PROJECT NO. (If applicable)		6. ISSUED BY CODE 20		7. ADMINISTERED BY (If other than Item 6) CODE 01	
Office of Acquisition 701 S 12TH STREET ARLINGTON VA 20598		Human Capital & Finance 701 S 12TH STREET ARLINGTON VA 20598			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  Lockheed Martin Services Incorporated Attn: (b)(6) 700 N Frederick Ave Gaithersburg MD 208793328		9A. AMENDMENT OF SOLICITATION NO.  9B. DATED (SEE ITEM 11)  10A. MODIFICATION OF CONTRACT/ORDER NO. HSTS01-09-D-050900 HSTS01-11-J-00P015 10B. DATED (SEE ITEM 13) 01/31/2011			
CODE 805258373		FACILITY CODE			

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.  
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
See Schedule Net Decrease: -\$1,642,242.86

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF FAR 52.212-4 paragraph (c)
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not ☒ is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

Tax ID Number: 52-1813509

DUNS Number: 805258373

Task Order 12

The purpose of this modification is to execute the following:

1. Update Section C of this Task Order with a revised Statement of Work (Attachment Q) that modifies Task B and removes Optional CLINs 0007 and 0008.

2. Incorporate the assumptions into Attachment P.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) (b)(6) Senior Contracts Negotiator		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Marvin Grubbs	
15B. CONTRACTING OFFICER'S (b)(6)		16B. UNITED STATES OF AMERICA	
15C. DATE SIGNED 03/15/2011		16C. DATE SIGNED 3/15/2011	

## CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

HSTSC1-09-D-OSC900/HSTSC1-11-J-OOP015/PC0001

PAGE

OF

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NAME OF OFFEROR OR CONTRACTOR

Lockheed Martin Services Incorporated

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>3. Deobligate funding for CLIN 0002 and 0006 due to the revised Statement of Work.</p> <p>4. Add funding in the amount of \$75,409.00 to CLIN 0003 to fund travel that was previously evaluated and accepted.</p> <p>5. Update Section B.1.</p> <p>Please see following pages for details of the modification.</p> <p>Overall, funding in the amount of \$1,642,242.86 is deobligated from this task order. Therefore, funding is reduced from \$17,361,061.00 by \$1,642,242.86 to \$15,718,818.14.</p> <p>Attachment Q - Revised Task Order 12 Statement of Work, 3/15/2011.</p> <p>Discount Terms: Net 30</p> <p>Payment: US Coast Guard Financial Center TSA Commercial Invoices P.O. Box 4111 Chesapeake VA 23327-4111</p> <p>FOB: Destination</p> <p>Period of Performance: 02/01/2011 to 01/31/2012</p> <p>Change Item 00002SUB1 to read as follows (amount shown is the obligated amount):</p>				
00002SUB1	<p>Additional funding for CLIN 0002 from different line of accounting.</p> <p>Accounting Info: 5AV1G1AG00D2011SWE03GEG00423006200622CTO-62020000 00000000-251B-TSA DIRECT-DEF. TASK-D Funded: -\$326,880.98</p> <p>Add Item 00003SUB2 as follows:</p>	1	CB	131,708.92	-326,880.98
00003SUB2	<p>Additional funding for CLIN 0003 from different line of accounting.</p> <p>Accounting Info: 5AV1G1AG00D2011SWE02CTR101125006300630HRM-63150004 00000000-252R-TSA DIRECT-DEF. TASK-D Continued ...</p>	1	CB	75,409.00	75,409.00

## CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

HSTSC1-G9-D-OSC900/HSTSC1-11-J-OOP015/PC0001

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9

NAME OF OFFEROR OR CONTRACTOR

Lockheed Martin Services Incorporated

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Funded: \$75,409.00				
	Change Item 00006SUB3 to read as follows (amount shown is the obligated amount):				
00006SUB3	Additional funding for CLIN 0006 from different line item.	1	JB	(b)(4)	(b)(4)
	Accounting Info: 5AV101A000D2011SWE030GEC000423006200622CTO-62020000 00000000-251B-TSA DIRECT-DEF. TASK-D Funded: (b)(4)				
	Change Item 00006SUB4 to read as follows (amount shown is the obligated amount):				
00006SUB4	Additional funding for CLIN 0006 from different line item.	1	JB	0.00	(b)(4)
	Accounting Info: 5AV101A000D2011SWE030GEC000423006200622CTO-62020000 00000000-251B-TSA DIRECT-DEF. TASK-D Funded: (b)(4)				
	Change Item 00007 to read as follows (amount shown is the obligated amount):				
00007	Reserved Amount: \$0.00 (Option Line Item) 08/01/2011	1	JB	0.00	0.00
	Change Item 00008 to read as follows (amount shown is the obligated amount):				
00008	Reserved Amount: \$0.00 (Option Line Item) 08/01/2011	1	JB	0.00	0.00

The purpose of this modification is to:

1. Update Section C of this Task Order with a revised Statement of Work that modifies Task B and removes Optional CLINs 0007 and 0008. Section C of the Task Order is hereby removed and replaced with Attachment Q.
2. Incorporate the following assumptions into Attachment P – Conditions and Assumptions for HSTS01-11-J-OOP015 (TO12) – TME&I:

Task B – Additional Conditions and Assumptions

1. LM assumes initial delivery will be April 30, 2011 and provide roughly 1900 images to bring the L-3 unit library consistent with other AT-2 Libraries. The additional 600 images will be captured at a rate of 100 per month thereafter.
  2. LM assumes a TLCS package is not warranted at this time for the L-3 system. LM will work with L-3 to develop an automated load protocol for library updates.
  3. LM assumes that L-3 will provide appropriate encryption keys and file formats for automated user load during roll-out of the systems.
  4. LM assumes that OEM reviews will be of complete library packages only.
  5. LM assumes that any undefined specialized tools required for the L-3 will be developed and provided under CLIN 1009--special project support.
3. Deobligate funding due to the revised Statement of Work as follows:
    - a) Deobligate funding in the amount of \$326,880.98 from CLIN 0002. Funding for CLIN 0002 is reduced from \$1,821,132.45 by \$326,880.98 to \$1,494,251.47. The established not to exceed amount for ODCs is reduced from \$10,194,544.47 by \$326,880.98 to \$9,867,663.49. As stated in Section B, CLIN 0002 is partially funded and additional funds will be added as needed up to the established not to exceed amount. The ODCs proposed for this CLIN has been evaluated and accepted by the Government.
    - b) Funding for CLIN 0003 remains unchanged but the established not to exceed amount for Travel is reduced from \$1,606,390.95 by \$222,958.87 to \$1,383,432.08. As stated in Section B, CLIN 0003 is partially funded and additional funds will be added as needed up to the established not to exceed amount. Anticipated travel proposed for this CLIN has been evaluated and accepted by the Government.
    - c) Deobligate funding in the amount of (b)(4) from CLIN 0006. Funding for CLIN 0006 is reduced from (b)(4) by (b)(4) to (b)(4)
  4. Add funding in the amount of \$75,409.00 to CLIN 0003 to fund travel that was previously evaluated and accepted. Funding for CLIN 0003 is increased from \$251,668.60 by \$75,409.00 to \$327,077.60.

5. Update Section B.1 as follows:

**B.1 Contract Line Items, Descriptions**

**Period of Performance:** February 1, 2011 – January 31, 2012, unless otherwise stated within the specific CLIN.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	FFP - Task A – Global Requirements for All Tasks within the Statement of Work (SOW): Project Management Quality Assurance GFE/GFI/GFP Management Security Requirements Tier 1 and 2 Help Desk and Field Support Tier 3 and 4 Help Desk Support Threat and Image Support SME Support POP: February 1, 2011 – June 30, 2011	1	Job	(b)(4)	
0001A	OPTIONAL - Task A – Global Requirements for All Tasks within the Statement of Work (SOW): Project Management Quality Assurance GFE/GFI/GFP Management Security Requirements Tier 1 and 2 Help Desk and Field Support Tier 3 and 4 Help Desk Support Threat and Image Support SME Support POP: July 1, 2011 – January 31, 2012			(b)(4)	
0002	ODC Reimbursable – NTE Other Direct Costs (ODCs)	1	Lot	\$1,494,251.48	NTE \$1,494,251.48
0003	ODC Reimbursable – NTE Travel	1	Lot	\$327,077.60	NTE \$327,077.60
0004	ODC Reimbursable - Task A: Threat Mitigation Laboratory (TML) – Facility Maintenance	1	Lot	\$738,968.04	NTE \$738,968.04

0005	T&M –Task A - Rapid Response	1	Lot	(b)(4)
0005A	OPTIONAL - T&M –Task A - Rapid Response			(b)(4)
0006	FFP –Task B - Threat Image Projection (TIP) Program: <ul style="list-style-type: none"> <li>• TIP Imaging Support</li> <li>• TIP Library Management and Distribution</li> <li>• TIP Data Analysis, Reporting, and Operational Support</li> </ul>	1	Job	(b)(4)
0007	Reserved			
0008	Reserved			
0009	T&M – Task B - Threat Image Projection (TIP) Program: Special Project Reports	1	Lot	(b)(4)
0010	FFP - Task C – Image Development: <ul style="list-style-type: none"> <li>• TRX &amp; AT Image Requirements.</li> <li>• AIT Training Image Requirements</li> <li>• Auto-EDS Training Image Requirements</li> <li>• OQT Image Capture</li> <li>• Auto-EDS Assessment Software/Hardware Requirements – OEM Simulator</li> <li>• Auto-EDS Technical Support Requirements</li> <li>• Auto-EDS 2012 Test Distribution Requirements</li> </ul>	1	Job	(b)(4)
0011	T&M – Task C – Image Development: Ad-hoc Image Development	1	Lot	(b)(4)
0011A	OPTIONAL - T&M – Task C – Image Development: Ad-hoc Image Development	1	Lot	(b)(4)
0012	OPTIONAL CLIN – FFP – Task C – Image Development: Option A - AIT Assessment Image Requirements	1	Job	(b)(4)

03/15/2011

Modification P00001

0013	OPTIONAL CLIN – FFP - Task C – Image Development: Option B - IIT/IMT/IMA Image Capture	1	Job	(b)(4)
0014	OPTIONAL CLIN – FFP - Task C – Image Development: Option C - Auto-EDS Assessment Image Pilot Requirements Analogic COBRA	1	Job	(b)(4)
0015	OPTIONAL CLIN – FFP - Task C – Image Development: Option D - Auto-EDS Assessment Image Requirements	1	Job	(b)(4)
0016	FFP – Task D – Image Library: <ul style="list-style-type: none"> <li>• TRX Simulator Library Management</li> <li>• AIT Simulator Library Management</li> <li>• Auto-EDS Simulator Library Management</li> </ul>	1	Job	(b)(4)
0017	FFP - Task E - Image Simulator Support: <ul style="list-style-type: none"> <li>• TRX Simulator Family</li> <li>• Change Management</li> <li>• Requirements Recommendations/Development Training Laptop Configuration Management</li> <li>• Software Upgrades</li> <li>• Software Testing</li> <li>• Configuration Management/Emerging Technologies Support</li> </ul> POP – February 1, 2011 – July 31, 2011	1	Job	(b)(4)
0017A	OPTIONAL - FFP - Task E - Image Simulator Support: <ul style="list-style-type: none"> <li>• TRX Simulator Family</li> <li>• Change Management</li> <li>• Requirements Recommendations/Development Training Laptop Configuration Management</li> <li>• Software Upgrades</li> <li>• Software Testing</li> </ul> Configuration	1	Job	(b)(4)



(b)(3).49 U.S.C.  
§ 114(r)  
(b)(3).49 U.S.C.  
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(b)(3).49 U.S.C.  
§ 114(r)  
(b)(3).49 U.S.C.  
§ 114(r)

	Management/Emerging Technologies Support POP – August 1, 2011 – January 31, 2012				
0018	T&M - Task E - Image Simulator Support: • Configuration Management/Emerging Technologies Support	1	Job	(b)(4)	
0018A	OPTIONAL - T&M - Task E - Image Simulator Support: Configuration Management/Emerging Technologies Support	1	Job	(b)(4)	
0019	FFP – Task F – Threat Kit Program: • Threat Kit Program Support • IED Accessory Kit Program	1	Job	(b)(4)	
0020	OPTIONAL CLIN – FFP - Task F – Threat Kit Program: Option A - Upgrade TQC	1	Job	(b)(4)	
0021	OPTIONAL CLIN – FFP - Task F – Threat Kit Program: Option B - Upgrade MBS2A with addition of one	1	Job	(b)(4)	
0022	OPTIONAL CLIN – FFP - Task F – Threat Kit Program: Option C - Upgrade Weapons Kit with the addition of two	1	Job	(b)(4)	
0023	FFP - Task F – Threat Kit Program: Option D - WTMD Calibration Test Kits	1	Job	(b)(4)	
0024	OPTIONAL CLIN – FFP - Task F – Threat Kit Program: Option E - Replacement Duffle Bags for PSE Kits	1	Job	(b)(4)	
0025	T&M - Task F – Threat Kit Program: Threat Prototyping	1	Lot	(b)(4)	
0025A	OPTIONAL - T&M - Task F – Threat Kit Program: Threat Prototyping	1	Lot	(b)(4)	

\*Labor rates applied to these CLINs shall be based on Attachment 20 of the IDIQ contract.

\*\*The Government reserves the right to exercise Optional CLIN 0005A, 0011A, 0012, 0013, 0014, 0015, 0018A, 0020, 0021, 0022, 0024, and 0025A at any time during the performance of this Task Order. Optional CLINs with a stated period of performance will be exercised prior to the stated effective date as necessary.

...  
\*\*\*CLIN 0002 and CLIN 0003 are partially funded and additional funds will be added as needed up to the established not to exceed amount. The ODCs and travel proposed for these CLINs have been evaluated and accepted by the Government...

## **SECTION C – STATEMENT OF WORK**

### **1. Scope of Product, Service, or Outcome**

The contractor shall provide a broad range of services to assist and support Department of Homeland Security (DHS) Transportation Security Administration (TSA) Operational and Technical Training, Office of Human Capital, Office of Security Technology, and Office of Inspection in support of the following tasks. They include:

- Project Management
- Quality Assurance
- Government Furnished Equipment, Information, and Property (GFE/GFI/GFP) Management
- Threat Mitigation Laboratory (TML)
- Facilities Management
- Security Requirements
- Subject Matter Expert (SME)
- Help Desk (Tiers 1, 2, 3, and 4) and Field Support
- Global Threat and Image Support for TSA learning technology products and the Threat Image Projection (TIP) Program
- Threat Image Projection (TIP) Program Support
- Image Development and expertise to analyze image performance and conduct analysis at the component, sub-component levels of the various types of threat items.
- Threat Design, Build or Acquisition of threat, non threat and alarm objects.
- Rapid Response for Emerging Threats
- Threat Image Library (TIL) Management
- Product support, software development, requirements definition and management, and helpdesk support for image based simulation products
- Development, pilot, analysis, and management of image assessments and tests for image based simulation products and other testing applications as required by TSA
- Threat Kit Program Support and Maintenance

### **2. Acronyms List**

See contract HSTS01-09-D-OSO900, Section A.2 Acronyms.

### **3. Definition of Terms**

#### **Adaptive Learning**

Training that is managed by an algorithm to adjust difficulty, threat and bag mix based upon the individual TSO's training performance.

#### **Alarm Information File**

A human readable file which shows the Alarm item & insulation in both normal and x-ray form with call-outs to support training objectives.

#### **Alarm Object (AO)**

One or more objects put together that forces the EDS machine to interpret the object as a possible threat. Alarm Objects must alarm consistently on all machines.

#### **Alarm (Object) Information File (AIF)**

Human readable .JPG that has the xray image from the L-3 6000 EDS machine with callouts of the items that make up the alarm object. Also in the file is a picture of alarm object and the decision that make the alarm object either clear, suspect or obvious.

#### AT-1

TSA acquired several Rapiscan and Smiths AT X-ray units as commercial products. This version of the unit (out of the box) is referred to AT-1 Specification.

#### AT-2

TSA has established specific requirements that OEMs must meet on a tiered bases to be fully AT compliant. This specification is referred to AT-2.

#### ATI Anomaly

An item that appears in the AIT image that is inconsistent with normal body parts. These are items which require secondary screening to resolve.

#### Bad Actor

A fictional threat image with performance at or below the false alarm level. Bad actors are routinely removed from image libraries until such time as additional training can be performed and they become viable for statistical analysis.

#### Bag Information File (BIF)

JPG file that shows the Rapiscan 620 DV xray image of a bag with callouts of common objects within the xray image, also included in this file is a photo layout of the bag and its contents.

#### Body Information File

A human readable file which shows the model's body with face blurred, and anomalies placed on a mannequin as normal photographs and the corresponding AIT image all with call-outs to support training objectives.

#### Canonical View

The most common viewpoint that the threat is normally found in.

#### Clutter

Normal items carried by passengers in their luggage which "clutter" an x-ray image.

#### Combined Alarm Image (CAI)

File of a bag constructed with one or more than one alarm objects and appropriate bag clutter. CAIs contain a photo of the bag alarm object, ancillary alarms and contents, along with an L-3 Screen Capture. A fully documented CAI includes the energy files and screen shots from all EDS platforms supported. The combined alarm object (AOs plus clutter) must consistently alarm on all machines.

#### Combined Threat Image (CTI)

Image of threat that is placed in a bag and scanned on the TRX and Auto EDS platforms.

#### Custom Session

A collection of clear and threat images used for a specific training purpose.

### Data Complete

This is a conceptual point in time mutually agreed to between LM and TSA. As TIP data is received it comes in varying levels of completeness. Analysis does NOT begin until TSA and LM have mutually agreed that it is "complete" enough to begin and conduct a worthwhile analysis.

### Energy File

A file native to a specific piece of TSE which is generally in the form of encrypted, compressed binary data.

### Fictional Threat Image (FTI)

An image captured on the Transportation Security Equipment (TSE) without a bag to ultimately create a soft CTI or Combined Threat Image. Also the file extension of the Rapiscan 520 and 620 DV machines.

### File Format – (Cobra)

A collection of files necessary to reliably reproduce the image on a simulator. Includes: Unknown at this time

### File Format – (CT-80)

A collection of files necessary to reliably reproduce the image on a simulator. Includes: high.tif, and low.tif

### File Format – (Fusion)

A collection of files necessary to reliably reproduce the image on a simulator. Includes: Unknown at this time

### File Format – (GE CTX)

A collection of files necessary to reliably reproduce the image on a simulator. Includes: cting.I, ctinspect, ctscan, spimg.I, spinspect, sprecon, and spscan

### File Format – (L-3 AIT)

A collection of files necessary to reliably reproduce the image on a simulator. Includes: .mtx For calibration and can files, .txt (for scan and mark information)

### File Format – (L-3 Examiner)

A collection of files necessary to reliably reproduce the image on a simulator. Includes: .uio.gz

### File Format – (Rapiscan AIT)

A collection of files necessary to reliably reproduce the image on a simulator. Includes: Unknown at this time

### File Format - .ceob

A combined EOB with all 18 images required by TRX Simulator contained in one file.

### File Format - .cti

A Rapiscan native CTI file. This file contains header information about the image and the image. Each generator and array combination creates a separate image.

### File Format - .cob

A Rapiscan 3D20 Native energy file.

#### File Format - .fti

A Rapiscan native FTI file. This file contains header information about the image and the image. Each generator and array combination creates a separate image.

#### File Format - .hif

A smith's detection native file. This file contains header information about the image and any alarms produced and each image captured by a specific set of arrays.

#### File Format - .pxe

An L-3 LS110-II native energy file

#### File Format - .pxi

An L-3 LS110-II energy file converted for use in TIP

#### File Format - .wim

An L-3 LS110-I native energy file

#### Globally Unique Identifier (GUID)

A globally Unique Identifier is a 32 character alpha-numeric name which is globally unique to all systems.

#### Image Blending Algorithm

Image blending is performed when two x-ray images (generally a threat and clear bag) are brought together through an OEM based proprietary algorithm. Unlike combining photos using commonly available photo software, images are blended at the data or energy level mathematically first, and then processed through the image presentation algorithm for projection on the screen.

#### MIMIC Algorithm

TRX Simulator uses a MIMIC algorithm to replicate blending and coloring, as well as user interaction with the system to replicate within the closest visual parameters to the real TSE. MIMIC algorithms are approved by a joint working group of LM, TSL, and TSA personnel who assess the fidelity of the screen presentation against that produced by the actual TSE.

#### On-Line Learning Center (OLC)

The TSA web-site where training is managed and tests are launched. The single authority for training and testing information.

#### Orientation

Orientation is a combination of the rotation of a threat in a specific viewpoint angle and its X/Y placement in the bag.

#### PASS On-Line

The web-site used by OHC to manage test data. This location holds and maintains item level detail on each image test provided.

#### Scan Information File (SIF)

Set of 56 scans/images associated with a single model containing photos, scan views, and call-out labels for both model and mannequin.

### Security Technology Integrated Program (STIP)

The program that networks transportation security equipment to enhance HQ's ability to control settings and manage image libraries.

### SENSITIVE SECURITY INFORMATION (SSI)

As stipulated in 49CFR Part 1520; SSI is information that TSA/FAMS has determined must be protected from improper disclosure in order to ensure transportation security. Training on SSI will be conducted annually for all LMTT personnel participating in the FFDO Program.

### Soft CTI

A CTI created through a systemic approach using data. The difference between a soft CTI and CTI is the CTI is an image file, and the soft CTI is a data file.

### STATEMENT OF WORK (SOW)

This is the document that details the scope of work that the Federal Government is expecting the contractor to provide during a specific period of performance.

### STIP Library Update

A STIP Library Update package includes a full image library, command and control files in the format necessary to upload the STIP server and each type of STIP TSE. This includes a different format for each OEM and class of equipment.

### Task Order Manager/Assistant Task Order Manager (TOM/ATOM)

A member of the contract team designated by the contractor to direct the administrative activities of the Task Order Programs and to perform the functions of the Project Manager.

### Technical Direction

Technical Direction (TD) is documented direction from the Government to the contractor on matters regarding execution of agreed-upon services or products as documented in the Contract (Task Order).

### TM (TM)

An individual nominated by the COTR and designated by the CO to act as his/ or her authorized representative for the technical administration of specific task(s) as defined within the Task Order Statement of Work. The duties and limitations of the TM are contained in a written letter of designation.

### Test Bag

A bag specifically created or assigned to a test or test library. The bag cannot be re-used in training applications without express approval from OHC.

### Test Library

A library of images specifically for testing that cannot be used in training until released by OHC.

### Threat Image Library Repository

The TIL Repository contains all TIP, Training, and Testing images and data about the images and the threat or alarm items contained within them. Images are chosen from the repository to create libraries. Images with performance data have that data available for library selection.

#### Threat Information File (TIF)

JPG file that shows the conical view x-ray from the Rapiscan 620 DV. Also in the file is a picture of the threat object and the title describing the threat. IED TIFS have the P.I.E.S. callouts on them if present in the device.

P – Power Source

I – Initiator

E – Explosives

S - Switch

#### TIL/TKIT

This is the TME&I government contractor created/supported database that contains the Threat Image Library (TIL) Repository, Threat Kit (TKIT) Database, and associated data from the TIP database. This information will be made available online to provide access to all threat items and images with association to their respective threat items. Additionally, Image performance data is captured from TIP and represented with image data, and all kit activity is made available online. Data is updated regularly as work occurs allowing the government to follow progress in real time.

#### TIP 1A February Specification

This is a specification that has not been implemented which changes category names specifically IED to explosive.

#### TIP 1A November Specification

The currently fielded TIP specification for legacy equipment. This specification continues to refer to explosives as IEDs in terms of category and supports TRX-U. TIP images released under this spec begin in number starting with 2000.

#### TIP AT Library Update

A TIP library update focused on AT systems, currently AT-1 using TLUS and TLU methodologies—but including images with all views supported by the TSE.

#### TIP Image Library

A TIP image library is created based upon TSA requirements and tagged by month and year, for example October 2007. The library includes a collection of images selected based upon TSA priorities. The contractor attempts to normalize each threat category based upon available images. Bad actors and images that provide little or no training value are excluded from libraries.

#### TIP Library Creation Software (TLCS)

TIP library creation software is used to create TIP Library Update Software (TLUS). The software is an OEM provided custom application that allows LM to place images in specific folders and establish specific machine setting by category airport and generate an auto installation package for the particular type of equipment.

#### TIP Library Naming Convention

The convention used to name a particular TIP library. This naming convention is governed by the most current specification for the TSE in question. Specifications currently affecting TIP library naming include the TIP 1A, AT-1, STIP, and TRX-U specifications.



### TIP Library Update

A TIP library update disk leverages on-board software from specific TSE to install and update TIP libraries and users. Typically, the on-board software will walk the user through the various screens required to facilitate system configuration.

### TIP Library Update Software (TLUS)

TIP library update software is an auto executing software application that automatically installs the TIP library and machine specific settings by the TIP administrator.

### TIP TRX Library Update

A TIP library update focused on legacy TRX systems including TLUS and TLU update methodologies.

### Training Library

A group of images used in training that can not be used in testing at any point in future, unless the image is of such a nature that it will appear in only one way regardless of presentation (e.g., empty bin). Once a CTI is deployed in training it can never be used in testing for that population of people.

### Training Support Center (TSC)

The warehouse where all training aids and materials are stored until needed at training sites in the field.

### TRX Simulator Clear Bag

A clear bag is a bag captured without any prohibited items in it. This bag should not be determined by the TSO to require secondary screening.

### TRX Simulator FTI

An FTI that is captured on the Rapiscan 3D20 for legacy systems or the Rapiscan 620DV for AT and legacy systems. Legacy FTIs are captured in [redacted] viewpoint angles and then flipped by an external tool to create the [redacted] viewpoints each in different orientations. AT FTIs are captured in [redacted] viewpoints which include viewpoint and rotation [redacted] (b)(3):49 U.S.C. § 114(r) (b)(3):49 U.S.C. § 114(r)

### TRX Simulator Test Distribution

A test distribution is a separately installable test package for TRX Simulator. TRX Simulator may have one and only one test distribution at any time. When updated, all data associated with the prior distribution is archived until the next update, at which time the data is deleted. The test distribution also contains data to manage communications protocols with OLC, TSA's Share Point, and PASS On-Line.

### TRX-U Library Update

A TRX-U library update package is formatted consistent with the TIP1A November Specification and is peculiar to each OEM class of equipment. TRX-U will include command files and GUIDs as required by the OEM.

### Unique Threat Bag

A unique threat bag is a combination of threat and clear bag in with the threat in a particular orientation and viewpoint angle.

### View Point Angle

The positioning of a threat based upon the X and Y axis. TRX Simulator uses [redacted] specific view point angles, where as TIP uses free-form viewpoint angles. An example of a viewpoint angle would be [redacted] around the X axis and Y axis from the Canonical view. [redacted] (b)(3):49 U.S.C. § 114(r) (b)(3):49 U.S.C. § 114(r) (b)(3):49 U.S.C. § 114(r)

#### **4. Task A - Global for ALL Tasks within this Statement of Work (SOW)**

##### **4.1 Project Management (CLIN 0001 Firm Fixed Price (FFP))**

4.1.1 The contractor shall provide project management oversight to include such tasks as scheduling, finance, milestones, deliverables, and overall program performance.

4.1.2 The contractor shall develop and maintain program schedules and track/report progress for each separate Task within this SOW. This shall also include a combined Weekly Status Report for all Tasks within this SOW. The Weekly Status Report shall contain:

4.1.2.1 Engineering Change Proposal/ Request for Deviation (ECP/RFD) Impact Report

4.1.2.2 Current Project Schedule for each Task

4.1.2.3 Weekly Travel Report (task specific)

4.1.2.4 Weekly Trouble Ticket Report

4.1.2.5 Weekly Progress/Activity Report (task specific)

4.1.3 The contractor shall work in close partnership with TSA Task Monitors to develop effective schedules to meet TSA needs.

4.1.4 The contractor shall analyze critical paths, dependencies and provide recommendations to reduce risk and ensure schedule success.

4.1.5 The contractor shall support the review of project plans for accuracy regarding cost, schedule and technical risks by providing analysis of proposed plans.

4.1.6 The contractor shall identify and manage risks and changes to the plan (risk management and change control). The contractor shall also recommend actions to address deficiencies or reduce program risk.

4.1.7 The contractor shall provide TSA project support, operations support, and analytical support to the program to facilitate the program's goal of maximizing security personnel performance in threat identification.

4.1.8 The contractor shall support one (1) Monthly Program Management Review (PMR) per month to outline previous month's activities, issues, risks and forecasting on all projects within this SOW, on a Task by Task basis. The PMR shall include Task Order status, task activity by CLIN, cost and financials; previous months Deliverable status, forecast of upcoming deliverables; and Challenges and Risks.

4.1.9 The contractor shall provide online systems to update status on overall task management activities, track Technical Direction (TD), Program /Project/Task/sub-task level reporting and data management.

4.1.10 The contractor shall provide monthly reporting of ODC items procured.

##### **4.2 Quality Assurance (CLIN 0001 FFP)**

4.2.1 The contractor shall ensure that all Task Order performance objectives and deliverables are of the highest achievable quality; to promote continuous improvement; and ensure best practices are employed at all times. Contractor processes and Standard Operating Procedures shall be followed and are auditable by TSA Quality Assurance personnel.

4.2.2 The contract shall provide a Task Order specific Quality Assurance Project Plan (QAPP).

4.2.3 Inspection and acceptance of all deliverables required under this SOW will be performed by the Deliverable Recipient as specified within each Task. All deliverables are due by 12:00 pm

EST on the day specified, unless otherwise agreed upon by the government. The Government will review the deliverable and provide the contractor with a notification stating whether the deliverable is acceptable or not acceptable.

4.2.4 The TSA TM will be the government quality assurance single point of contact. TSA will conduct QA for requirements conformance in accordance with Task Order specific Government Quality Assurance Surveillance Plan (QASP).

#### 4.3 Government Furnished Equipment, Information, and Property (GFE/GFI/GFP) Management (CLIN 0001 FFP, CLIN 0002 Not To Exceed (NTE))

4.3.1 All GFE shall be tracked and reported under the base contract. All government equipment and property assigned to the contractor shall be managed within the contractor property system; however, spare kits and those assigned to entities not within the control of the contractor shall be managed in the TSA Sunflower system and not the contractor property system as outlined in Task F.

4.3.2 The contractor shall use Government Furnished Equipment (GFE) for all Tasks within the SOW. The configuration of any Transportation Security Equipment (TSE) systems shall be the same as fielded units operating at the TSA specification for U.S. airports unless otherwise directed by the Government. Should a deviation (Request for Deviation (RFD)) to configuration be required, the contractor shall submit the request to the Government for approval. TSA will approve an RFD within two calendar days.

4.3.3 The contractor may be required to purchase equipment if GFE is not available. TSA Contracting Officer approval will be required and a separate modification will be issued for these purchases. All contractor-acquired equipment subsequently becomes GFE as defined by the terms of the contract. NOTE: This requirement does NOT affect the procurement of firearms or other items below the GFE threshold that are tagged.

4.3.4 In the course of general operations and support, the contractor shall procure consumable items and material to maintain stock levels and supplies for threat creation and other support efforts. Purchases of material shall be tracked and reported to the TSA TM (TM) on a monthly basis ensuring that operational purchases maintain compliance with all FAR clauses and remain within the not to exceed funding levels for those items. Contractor shall follow ODC rules as defined by the terms of the base contract (to be provided).

4.3.5 TSA will supply TSA property tags in support of this effort.

4.3.6 Property records shall be managed by the contractor and provided on a monthly basis for bulk upload into the TSA Sunflower system or as otherwise mutually agreed to between the contractor and TSA.

4.3.7 The contractor shall provide a monthly Inventory Report to TSA.

4.3.8 The contractor shall provide delivery and tracking information on kits, as well as inventory and location to TSA on-demand within 3 business days of request.

#### 4.4 Security Requirements (CLIN 0001 FFP)

4.4.1 Access to classified information up to the TOP SECRET level is required to support the Threat Image Projection (TIP) Program, Threat Kit Program, and Image Development Program. Only individuals who require classified access shall be required to maintain a minimum of a SECRET clearance and only those required to access TOP SECRET information shall maintain a TOP SECRET clearance.

4.4.2 The contractor and sub-contractor personnel for this Task Order who require access to classified information shall hold the appropriate security clearance or higher to support the necessary contractual requirements.

4.4.3 The contractor shall require access to classified material at the TML in Egg Harbor, NJ; the contractors locations in Crystal City, VA and Moorestown, NJ; TSA HQ; TSIF; TSL; OEM Facilities; and at US Airports as required and approved by TSA. Visit requests are required consistent with the NISPOM and need to know must be approved and certified by TSA prior to any access. The contractor shall submit all requests for TSA approval.

4.4.4 The contractor shall require a DD254 based on the following specifications:

4.4.4.1 Secret Information to be stored at the Threat Mitigation Library in Egg Harbor, NJ and the LM site in Crystal City, VA.

4.4.4.2 Access to SECRET Information.

4.4.4.3 Access to TOP SECRET Information at TSA facilities only.

4.4.5 The contractor facilities in Egg Harbor, NJ and Crystal City, VA shall procure and maintain security and classified storage containers/cabinets to securely house materials rating a minimum classification of sensitive security information (SSI) up to SECRET and firearms.

4.4.6 The contractor shall store/safeguard classified SECRET documents.

4.4.7 The contractor shall view classified TOP SECRET information at TSA facilities.

4.4.8 The contractor shall require, at a minimum, access to Transportation Security Equipment (TSE) vulnerabilities, threshold weights for explosive alarms, and net explosive weights used for training and testing transportation security officers.

4.4.9 The contractor shall require access to existing and emerging intelligence data relating to terrorist training, designs for Improvised explosive devices, concealment tactics and strategies, and other information necessary to replicate the terrorist threat.

4.4.10 Select contract and subcontractor personnel shall require courier credentials issued by DHS/TSA to allow for the transport of classified information. The contractor shall provide a list of trained classified couriers to TSA to facilitate issuance of the appropriate credentials.

4.4.11 Select contract and subcontractor employees assigned to this task order shall require credentials that indicate that they work in support of TSA and frequently transport explosive simulants that appear real without lab testing, and other weapons including real and inert replicas.

4.4.12 Select contract and subcontractor employees assigned to this task order shall require a TSA badge that will allow them to be issued a TSA white package laptop computer. Physical access to TSA headquarters is not required. The white package laptop computers are required to allow these select contractor and subcontractor employee access to the TSA website and the On-line Learning Center (OLC) via Virtual Private Network (VPN).

4.4.13 The contractor shall retain copies of "Electronic Baggage Screening Program Requirements for Automatic Detection of Explosives" (Version 5.8, dated 1 January 2010, classification SECRET); "Passenger and Carry-On Baggage Explosives Detection Systems Requirements (Version 3.2 dated 5 December 2006, classification Confidential); IT Technical Checkpoint Screening Ops (Version 3.1.01, dated 17 July 2009, classification Confidential); and AT Xray Detection Requirements Appendix (Version 2.0, dated 5 March 2010, classification Confidential).

4.4.13.1 Contract personnel will be briefed on these documents and though they are relatively short, the content is not best memorized and needs to be available for reference while performing the duties of this task order. Therefore, the contractor shall store one (1) copy at the TML and one (1) copy in the Crystal City facility in a secure location.

4.4.14 The contractor shall store and safeguard classified material in accordance with Executive Order 12958, as amended, Classified National Security Information, and its Implementing Directive No. 1 at the SECRET level in support of program office requirements.

4.4.15 In accordance with the Department of Defense (DOD) Manual 5220.22-M, "National Industrial Security Program Operating Manual (NISPOM) for Safeguarding Classified Information," Chapter 5, Section 5-502, the contractor is authorized to disclose TSA classified information to cleared subcontractors when access is necessary to perform tasks or services for fulfillment of a prime or sub-contract.

4.4.16 In accordance with the Department of Defense (DOD) Manual 5220.22-M, "National Industrial Security Program Operating Manual (NISPOM) for Safeguarding Classified Information," Chapter 5, Section 5-506, the contractor shall not disclose classified information received or generated under this TSA contract to any other Federal agency unless specifically authorized in writing by the TSA Program Office that has classification management jurisdiction over the information and the TSA Contracting Technical Representative (COTR).

4.4.17 In accordance with the Department of Defense (DOD) Manual 5220.22-M, "National Industrial Security Program Operating Manual (NISPOM) for Safeguarding Classified Information," Chapter 5, Section 5-509, the contractor shall not disclose classified information to another contractor except to support a contract, subcontract or other TSA purpose.

4.4.18 The Contractor will access classified material at:

4.4.18.1 Lockheed Martin Services Inc at 1800 South Bell Street Suite 1100, Arlington, VA 22202;

4.4.18.2 Lockheed Martin Maritime Systems & Sensors at P.O.Box 1027, Moorestown, NJ 08057-0927; and

4.4.18.3 Galaxy Scientific Corporation at 2628 Fire Road, #304, Egg Harbor Township, NJ 08234.

4.4.19 The Contractor will store and safeguard classified material in accordance with Executive Order 13526, Classified National Security Information, and its Implementing Directive 32 CFR Part 2001 at the SECRET level in support of program office requirements. Additionally, in accordance with the Department of Defense (DOD) Manual 5220.22-M, "National Industrial Security Program Operating Manual (NISPOM) for Safeguarding Classified Information," Chapter 5, Section 5-502, the contractor is authorized to disclose TSA classified information to cleared subcontractors when access is necessary to perform tasks or services for fulfillment of a prime or sub- contract. In accordance with the NISPOM, Chapter 5, Section 5-506, the contractor shall not disclose classified information received or generated under this TSA contract to any other Federal agency unless specifically authorized in writing by the TSA Program Office that has classification management jurisdiction over the information and the TSA COTR. In accordance with the NISPOM, Chapter 5, Section 5-509, the contractor shall not disclose classified information to another contractor except to support a contract, subcontract or other TSA purpose.

#### 4.5 Threat Mitigation Laboratory (TML) (CLIN 0004 NTE)

4.5.1 The contractor shall provide the hardware, software, facility, materials and services required to manage, operate, and maintain the TML to support TSA requirements for image and threat development, storage, kit development and production, library management and field distribution.

4.5.2 The contractor shall functionally operate the TML including the facility and GFE equipment assigned.

4.5.3 The TML shall provide the appropriate space and configuration to:

4.5.3.1 Stage equipment for image creation, production, and review.

4.5.3.2 Conduct Image Reviews.

4.5.3.3 Create Images (may include human models).

4.5.3.4 Develop or acquire threat and non threat devices and threat items.

4.5.3.5 Develop Simulants.

4.5.3.6 Develop threat training aids.

4.5.3.7 Store Chemicals.

4.5.3.8 Maintain training kits and training aids.

4.5.3.9 Develop, manufacture, and deliver training kits and training aids to TSA entities.

4.5.3.10 Develop training manuals for kit usage and other appropriate documentation.

4.5.3.11 Conduct product reviews, demonstrations and training.

4.5.4 The TML shall be required to maintain and store materials rating a minimum classification of sensitive security information (SSI) up to SECRET and firearms.

4.5.5 The contractor shall obtain and maintain proper licensing to obtain, maintain, and store a variety of legal and illegal firearms on-site at the TML. The TML shall meet TSA, Federal, State, and local requirements for the storage of firearms. The TML facility shall be required to render the firearms inert; and/or modify firearms.

4.5.6 The contractor shall maintain threat and non-threat items at the TML.

4.5.7 The contractor shall store in a climate controlled environment explosive and detonator simulants, IED device components, guns, knives, other threat and prohibitive articles, luggage, normal passenger clutter for the luggage, additional equipment/software and facility/support services that are required to meet TSA TML requirements.

4.5.8 The TML shall include space for threat device and threat training item development, machine specific image production, and the storage of all necessary threats, bags, and equipment.

4.5.9 On rare instance (TSA expects one (1) time), when OST is unable to supply riggers for movement of TSE in or out of the TML, riggers shall be required. 5.10 The contractor shall ensure maintenance agreements are in place and that the GFE provided under this task order is properly maintained.

4.5.10 The facility maintenance shall be CLIN0004; and TSE Maintenance shall be CLIN002.

4.5.11 The contractor shall leverage TSA maintenance agreements when possible.

#### 4.6 Tier 1 and 2 Help Desk and Field Support (CLIN 001 FFP)

4.6.1 The contractor shall provide multiple tier (Tier 1 and 2) Help Desk support for operational learning technology products (e.g., Simulator, Threat Kits) and the TIP Program.

4.6.2 The contractor shall provide an initial response to a TSA request for assistance (trouble ticket) via phone or email within 24 hours (1 business day), unless TSA has directed re-prioritization of resources in support of a release or other priority.

4.6.2.1 The point of entry for a trouble ticket shall be provided via the contractor online system and may require the contractor to create a ticket.

4.6.2.2 TSA will route the trouble tickets received by TSA Training to the contractor for action by instructing the airport to open a trouble ticket on the contract system.

4.6.2.3 During periods of post deployment surges, the contractor and TSA will identify mutually agreeable response times based upon TSA priorities. For example: if resources are focused on a national issue, individual tickets may be deferred until such time as the national issue is resolved. After which, the contractor shall be provided a reasonable amount of time to manage individual tickets but not more than one week.

4.6.3 The contractor shall resolve Tier 1 and 2 tickets within 48 hours (2 business days). Tier 1 tickets are defined as issues that can be resolved without extended troubleshooting, such as: Super User password reset, decoding a test result. Tier 2 tickets are defined as requiring multiple calls and/or emails from the LM helpdesk to ticket creator.

4.6.4 The contractor shall notify TSA of any exception and provide a follow-up phone call and/or email to the requestor to update the status of the issue. The contractor shall not be held accountable for time waiting for an airport to respond with requested information (i.e. critical information related to an error or files required to troubleshoot an error). NOTE: Severity of issues is defined within the Help Desk Standard Operating Procedure document.

4.6.5 The contractor shall provide Tier 1 and 2 support for 40 hours per week during the normal business hours of 8 AM through 5 PM EST Monday through Friday; and shall complete trouble ticket logs each time a ticket is accessed. Log entries shall be consistent, clearly understandable and outline what action is or was taken.

4.6.6 The contractor shall provide on-call support for emergency trouble tickets. Emergency trouble tickets are those which inhibit the Training Managers/Specialists or Security Training Instructors from administering a test or retrieving test results needed immediately, or those situations tasked by the TSA TM.

4.6.7 The contractor shall provide technical customer service support to all TSA airports.

4.6.7.1 The contractor shall identify representatives to serve as the field liaison for the Emerging Technology Program and shall foster a collaborative working relationship between the contract personnel, OTT, and TSA field personnel.

4.6.7.2 The representatives shall communicate technology training impacts to the airports and resolve issues when new releases of equipment or technologies occur.(e.g., provide front line communications with airports on new releases to TRX Simulator, pilot planning for software and on-site visits, and TIP library releases with or without on-site support).

4.6.7.3 The representatives shall assist the field with Threat Kit upgrades, shipping, contacts and schedule rotations.

4.6.7.4 The representatives shall assist the field with TRX Simulator, EDS Simulators, AIT Simulators, LM laptops and all other emerging technologies problems/issues.

4.6.7.5 The representatives shall provide on-site field support to airports for TIP, TRX Simulator, and other special projects as required.

4.6.7.6 The representatives shall provide TIP library upload support either remotely or on-site and also support pre-clearance airports as required.

4.6.7.7 The representatives shall serve as pilot proctors, software testers and maintain a solid interface between the task order helpdesk and other TSA (e.g., STIP, PASS, SPOC, and Siemens) helpdesks.

4.6.7.8 The representatives shall provide property management support to airports in support of kit issues, audits, and other property questions and interface directly with TSA DPMO staff.

#### 4.7 Tier 3 and 4 Help Desk Support (CLIN 001 FFP)

4.7.1 The contractor shall provide multiple tier help desk support for Simulator and technology products.

4.7.2 The contractor shall provide an initial response to a TSA request for assistance (trouble ticket) via phone or email within 24 hours (1 business day), unless TSA has directed re-prioritization of resources in support of a release or other priority.

4.7.2.1 The point of entry for a trouble ticket shall be provided via the contractor online system and may require the contractor to create a ticket.

4.7.2.2 TSA will route the trouble tickets received by TSA Training to the contractor for action by instructing the airport to open a trouble ticket on the contract system.

4.7.2.3 During periods of post deployment surges, the contractor and TSA will identify mutually agreeable response times based upon TSA priorities. For example: if resources are focused on a national issue, individual tickets may be deferred until such time as the national issue is resolved. After which, the contractor shall be provided a reasonable amount of time to manage individual tickets but not more than one week.

4.7.3 The contractor shall notify TSA of any exception and provide a follow-up phone call and/or email to the requestor to update the status of the issue. The contractor will not be held accountable for time waiting for an airport to respond with requested information (i.e. critical information related to an error or files required to troubleshoot an error). NOTE: Severity of issues is defined within the Help Desk Standard Operating Procedure document.

4.7.4 The contractor shall provide Tier 3 support for 40 hours per week during the normal business hours of 8 AM through 5 PM EST Monday through Friday; and shall complete trouble ticket logs each time a ticket is accessed. Log entries shall be consistent, clearly understandable and outline what action is or was taken.

4.7.5 The contractor shall provide on-call support for emergency trouble tickets. Emergency trouble tickets are those which inhibit the Training Managers/Specialists or Security Training Instructors from administering a test or retrieving test results needed immediately, or those situations tasked by the TM.

4.7.6 Tier 3 support may require software changes to correct a bug (i.e., when a portion of the software does not function as designed). The Contractor and TSA shall mutually agree on the priority delivery timeframe of any emergency fix. The Contractor shall correct and test any emergency fix as quickly as possible. The Contractor shall assist in the certification testing. Non-emergency fixes shall be scheduled into a future software release.

4.7.7 Tier 4 support is part of the change management process and is considered recommended enhancements or changes to be captured and held for TSA direction. The Contractor shall maintain and keep up to date all enhancements or change requests, and TSA shall be able to



retrieve these at any time to review. Prior to any major or minor upgrades, TSA shall identify any enhancements or changes that may be considered for development and the Contractor shall provide an estimate on the level of effort to accomplish, and identify any synergies in combining any enhancements. The Contractor may be required to support change management and requirements tracking on the LMSC. The Contractor shall support a T-1 line, router and server in their development facility and for their development team to use the Contractor's accounts for distribution and maintenance of software packages.

#### 4.8 Threat and Image Support (CLIN 0001 FFP)

4.8.1 The contractor shall enter information into and maintain data in the Threat Image Library (TIL).

4.8.2 The contractor shall design and acquire threats and build threats to support all the Tasks within the SOW.

#### 4.9 SME Support (CLIN 0001 FFP and CLIN 0005 Time and Materials (T&M))

The contractor shall provide subject matter expertise in support of analysis reports and program support with attention to the following areas: Original Equipment Manufacturers (OEMs), X-Ray technology, Engineering, explosive technologies and threat analysis.

#### 4.10 Rapid Response (CLIN 0005 T&M)

4.10.1 The contractor shall provide rapid response capability to respond to short notice high threat information. TSA expects a rapid response event every other month, up to a total of six (6) during this POP.

4.10.2 The contractor shall produce threat items and images within 48 hours. TRX Simulator training sessions may be required. The contractor shall create bag information files for any new TRX Simulator bags created.

4.10.3 Rapid response deliverables may be various formats (e.g., Fictional Threat Images, Combined Threat Images, PowerPoint presentations, TRX Simulator Images' TRX Simulator Sessions).

4.10.4 Rapid response support is a function of re-prioritizing resources planned for image capture.

4.10.5 Contract personnel shall be contactable 24/7 via blackberry in support of Rapid Response Activities. These include the TML team leader or designee, the Lead EOD Technician and key threat designers.

4.10.6 TSA personnel will be available for consult within 30 minutes, throughout the rapid response development activity.

#### 4.11 Travel (CLIN 0003 NTE)

4.11.1 The contractor shall support Domestic and International Travel for this task order. TSA estimates that the contractor shall be required to travel 50 domestic trips and 10 international trips.

4.11.2 Reimbursement of travel will be in accordance with the Terms and Conditions of the IDIQ Contract.

4.11.3 The contractor shall notify TSA of planned travel in weekly reports.

#### 4.12 Task A Deliverables

#	Deliverable	Due Date	Deliverable Recipient	Government Review
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#	Deliverable	Due Date	Deliverable Recipient	Government Review
1	Weekly Status Report	Tuesday of every week	All TMs	1 Business Day
2	Integrated Task Project Schedule	02/15/2011 OR 10 business days after award	Task A TM& Task TM	5 Business Days
3	Task Order Kickoff Meeting	02/15/2011 OR 10 business days after award	Task A TM& Task TM	5 Business Days
4	Monthly Program Management Review (PMR)	Monthly on Tuesday closest to 15th of the month	All TMs	5 Business Days
5	Property records	5th of every month or closest business day	TSA Property Manager & Task A TM	5 Business Days
6	Inventory Report	5th of every month or closest business day	TSA Property Manager & Task A TM	5 Business Days
7	Help Desk Call Log (Tier 1,2,3 &4)	Available on Request	All TMs	5 Business Days
8	Customer Service Field Support Log	Available on Request	All TMs	5 Business Days
9	Rapid Response Product	Within 48 hours of request or as agreed upon	Task A TM & TSA Requester	1 Business Day
10	Procurement ODC Report	2 business days after invoice sent to TSA	Task A TM	3 business days
11	Task Order Quality Assurance Project Plan (QAPP)	10 business days after award	All TMs	5 Business Days

#### 4.13 Inspection and Acceptance Criteria

See Section 4.2

### 5. Task B Threat Image Projection (TIP) Program

#### 5.1 Scope

The Transportation Security Administration (TSA) Office of Security Technology (OST) procures and deploys security equipment to checkpoint and checked baggage screening locations nationwide. OST also develops and implements a wide range of security officer's performance, training and testing activities to support Congressional mandates. The Threat Image Projection (TIP) Program measures image interpretation proficiency at the national and airport level in an operational environment. TSA utilizes TIP data performance analyses to determine performance standards for the security workforce. The contractor

shall provide TIP program support, operations support, and analytical support to the TIP program to facilitate the program's goal of maximizing TSA's image interpretation performance.

## 5.2 TIP Imaging Support (CLIN 0006 FFP)

5.2.1 The Contractor shall procure or create threat items required for TIP imaging based upon emerging threat intelligence.

5.2.2 The Contractor shall produce fictional threat images (FTI) (b)(3):49 U.S.C. § 114(r)

(b)(3):49 U.S.C. § 114(r)

(b)(3):49 U.S.C. § 114(r)

Threats will be based upon the prohibited items list and emerging intelligence. Images shall be distributed across threat categories and difficulty levels; specific breakdown will be provided by TSA upon award.

5.2.3 The Contractor shall perform TIP image development and management to include image definition, capture, archiving, database development and management.

5.2.4 The Contractor shall develop, implement, and document processes and procedures to perform analyses of threat alerts and ensure coordination with other organizations (e.g., intelligence, law enforcement).

5.2.5 The Contractor shall catalog and photograph the relevant characteristics of each image, such as weight and type of explosive (b)(3):49 U.S.C. § 114(r)

(b)(3):49 U.S.C. § 114(r)

power source type

(b)(3):49 U.S.C. § 114(r)

(b)(3):49 U.S.C. § 114(r)

, and container

(b)(3):49 U.S.C. § 114(r)

(b)(3):49 U.S.C. § 114(r)

5.2.6 The contractor shall create library of 2500 images for the L3 ACXMV platform.

5.2.6.1 The contractor shall create roughly 1900 images by April 30, 2011 to bring the L-3 ACXMV TIP library current with other AT-2 Systems.

5.2.6.2 The contractor shall create 100 images per month after April 30, 2011 up to 600 images.

5.2.6.3 A TLCS package is not warranted at this time for the L-3 system. The contractor shall work with L-3 to develop an automated load protocol for library updates.

5.2.6.4 OEM reviews shall be of complete library packages only.

5.2.7 The images shall meet the following criteria:

5.2.7.1 The image of threat item is complete.

5.2.7.2 The image will be of a high quality to ensure no distortion due to pixilation, snow, blurring, etc.

5.2.7.3 IED and other threat article components can be identified. (b)(3):49 U.S.C. § 114(r)

(b)(3):49 U.S.C. § 114(r)

(b)(3):49 U.S.C. § 114(r)

At the direction of the TSA, the IDC will also create TIP images of individual IED threat components or disassembled IEDs.

5.2.7.4 Each image file will maintain consistent viewpoint angle and rotation across TRX Platforms.

5.2.7.5 (b)(3):49 U.S.C. § 114(r) (applicable to TBD situations for rapid response training items that may include CTIs).

5.2.7.6 The processed image is an accurate representation of the intended target difficulty level for the operator.

5.2.8 The Contractor shall submit images to the TSA TIP program manager for review and approval as specified in 5.6. Task B Deliverables Table Government Review column. TSA will utilize the criteria listed above to determine acceptance. If any images are rejected, the Contractor shall perform follow-up work to develop replacement images that conform to the general specifications of the rejected image(s), correcting any identified deficiencies in the process in the next scheduled volume.

5.2.9 The Contractor shall conduct image reviews (not to exceed two (2) during Period of Performance) upon TSA request. Image reviews will be conducted using the Threat Image Library (TIL) or mutually agreeable format.

5.2.10 The Contractor shall audit and maintain the previously developed Configuration Management Plan, in addition to the analysis of images within the TIP Library. This includes a listing of all library images and monthly volumes. The audit and configuration management should include a detail description of the changes, due to SOP or procedural changes, and issues found during the audit. Each audit report shall identify issues and a corrective action plan.

### 5.3 TIP Library Management and Distribution (CLIN 0006, FFP)

5.3.1 The Contractor shall support TIP library updates for both standalone and networked Transportation Security Equipment (TSE). This includes tasks such as development of image libraries, quality control and coordination with OEMs, production and distribution of library update packages to airports.

5.3.2 The contractor shall produce one (1) library update annually.

5.3.3 The library maintenance and updates shall support the following platforms:

5.3.3.1 RAPISCAN 520 LEGACY

5.3.3.2 RAPISCAN TRX-U

5.3.3.3 RAPISCAN STIP

5.3.3.4 STIP SERVER

5.3.3.5 SMITHS 6040/7555 LEGACY

5.3.3.6 SMITHS STIP/TRX-U

5.3.3.7 SMITHS aTix

5.3.3.8 RAPISCAN 620DV

5.3.3.9 L-3 ACXMV

5.3.4 The contractor shall support current libraries, to include:

5.3.4.1 TIPLIB10012007 STIP/TIP1A/TRX-U (October 2007)

5.3.4.2 TIPLIB07152008 LEGACY (July 2008)

5.3.4.3 TIPLIB04102009v1 (April 2009 aTix Library)

5.3.4.4 TIPLIB20070920 Rapiscan TRX-U/STIP (October 2007)

5.3.4.5 TIPLIB01172011 (Smiths AT-1)

5.3.4.6 LTIPLIB01172011 (L-3 ACXMV April 2009 AT Library)

5.3.4.7 RTIPLIB01172011 (Rapiscan AT-2 Library)

5.3.4.8 STIPLIB01172011 (Smiths AT-2 Library)

#### 5.4 TIP Data Analysis, Reporting, and Operational Support (CLIN 006 FFP)

**NOTE: Release of Technical Data. No information, oral or written, concerning TIP made pursuant under this contract shall be published or released to the public without the prior written approval of both the TSA Program Manager and the TSA Contracting Officer.**

5.4.1 The contractor shall manage, store, and analyze TIP data and provide project management support to OST in the areas of imaging and explosive detection technologies.

5.4.2 The Contractor shall develop program documents, plans, procedures, reports, studies, and analyses, to support TSA performance plans and to document results.

5.4.3 The Contractor shall develop and maintain program schedules and track/report progress of program performance. The Contractor shall analyze critical paths and provide recommendations to reduce risk and ensure schedule success. The Contractor shall support the review of project plans for accuracy regarding cost, schedule and technical risks by providing analysis of proposed plans. The Contractor shall identify and manage risks and changes to the plan (risk management and change control).

5.4.4 The Contractor shall assist TSA with coordination of program plans and objectives with other organizations and stakeholders.

5.4.5 The Contractor shall monitor efforts which will ensure proper execution of TSA approved projects and that project activities are in line with the overall program plan.

5.4.6 The Contractor shall develop and revise operational requirements and conduct special studies and technical analyses in the development of requirements.

5.4.7 The Contractor shall support TSA with the coordination between DHS and other domestic and international partner organizations to identify threats, vulnerabilities and operational considerations to improve TSA security officer image interpretation training and testing.

5.4.8 The Contractor shall support the coordination and resolution of critical decisions and corrective actions.

5.4.9 The Contractor shall develop and deliver presentations (e.g. PowerPoint), training, and other materials, as well as the duplication, and distribution of these materials. TSA estimates two (2) presentations a month.

5.4.10 The Contractor shall analyze the TIP x-ray image library to identify performance trends and provide recommendations for library updates and performance improvements (Semiannually).

5.4.11 The Contractor shall provide X-Ray image library performance analysis to support library management decisions with regard to individual or groups of x-ray images.

5.4.12 The Contractor shall provide Subject Matter Experts (SME) to support theoretical research, object recognition, statistical design tasks.

5.4.13 The Contractor shall collect, consolidate, and track program action items (e.g., capture actions from TIP IPT meetings) as well as actions assigned via email or telephone requests and consolidate them in an action item tracking spreadsheet.

5.4.14 The Contractor shall be required to develop flyers/fact sheets, guides and manuals in support of TIP program objectives. TSA estimates one per month.

5.4.15 The Contractor shall conduct TIP systems integration, TIP systems engineering, operations research, data modeling, human factors research and analysis. At a minimum, this will include

monthly importing of raw TIP data into the TIP database, checking for data inconsistencies and duplication of data, and reporting descriptive statistics on TIP performance and compliance.

5.4.16 The Contractor shall coordinate and conduct field demonstrations and pilot projects evaluating technologies and image training effectiveness and suitability under realistic operational conditions. The contractor shall identify airports to be visited, the purpose of the visit, and any administrative and other resource requirements of the airports.

5.4.17 The Contractor shall analyze TIP performance data and coordinate the training function with the technology deployment function to prepare for the use of new technologies in the field, and support the evaluation and application of training on existing technologies.

5.4.18 The Contractor shall assist in the coordination of pilot activities with TSA and appropriate industry and government stakeholders/partners as requested.

5.4.19 The Contractor shall develop two semi-annual reports which provide in-depth analyses on TIP performance at the national, area, category, and airport levels. Additionally, the report shall include list of Best, Most Improved, and Most Room for Improvement (MRFI) performance levels. The MRFI report shall be delivered one (1) month after the semi-annual report.

5.4.20 The Contractor shall provide the following reports each month. These reports (including their format) are SSI. TSA will provide under separate cover a sample format for each report. TIP Monthly reports shall be due on the first Friday following 30 calendar days from when raw data is received. The contractor will provide the TSA TIP program manager with information regarding missing or incomplete data 5 business days prior to report completion.

5.4.20.1 TIP Monthly Data Analysis Report – This report will consist of TIP compliance and performance data organized in the following sections: Introduction, Scope, Quality and Quantity of Data, Summary Analysis, Airport Analysis Detail, and Privatized Airport Analysis.

5.4.20.2 TIP Performance Report for Security Operations (OSO): Spreadsheet listing the most recent month's non-TIP alarm rates, TIP detection rates (overall and by threat type), and number of TIP presentations for each airport.

5.4.20.3 Non-compliance list for Security Operations (OSO): Spreadsheet listing percent of each airport's shifts exceeding 20, 30, and 40 minutes in duration; TRX/AT machines where a screener accounts for over half of all bags processed; and TRX/AT machines that are not in compliance with TSA ratio guidelines.

5.4.20.4 Data inventory list: List showing files for each reporting TRX/AT machine and indicating airport, airport category, and airport area to which the machine is assigned. Also includes detailed list of problems noted in raw TIP data; pivot tables showing number of TRX/AT machines reporting by airport and by TRX/AT type; and summary table showing the number of reporting TRX/AT files by file number and TRX/AT type.

5.4.20.5 TIP input to Key Metrics Report: Spreadsheet presenting national level non-TIP alarm and TIP detection rates (overall and by threat type) for the past year. Also includes lists of the top and bottom ten airports in terms of detection performance.

5.4.20.6 Comparison data for the Screening Partnership Program (SPP): Non-TIP alarm and TIP detection rates (overall and by threat type) for SPP airports, airport category and area averages, and national averages.

5.4.20.7 Ad hoc reports as requested by TSA. TSA estimates three (3) per month.

#### 5.5 Special Project Reports (CLIN 0009 T&M)

The contractor shall be required to provide special project reports, conduct TIP related studies; design special studies; and provide support to special studies. TSA expects the contractor to perform these activities four (4) times during this POP.

#### 5.6 Task B Deliverables

Number	Item	Due Date	Recipient	Government Review
1.	1900 L3 ACXMV TIP Images  100 Tip Images a month (total 600).	April 30, 2011  May 30 through October 30, 2011.	Task B TM	8 business days  2 business days
2	TIP Library Update Disks	TBD	Airports	2 business days
3	TIP Monthly Data Analysis Report	TIP Monthly reports shall be due on the first Friday following 30 calendar days from when raw data is received.	Task B TM	2 business days
4	TIP Performance Report for OSO	TIP Monthly reports shall be due on the first Friday following 30 calendar days from when raw data is received.	Task B TM	2 business days
5	Non-Compliance List for OSO	TIP Monthly reports shall be due on the first Friday following 30 calendar days from when raw data is received.	Task B TM	2 business days
6	Data Inventory List	TIP Monthly reports shall be due on the first Friday following 30 calendar days from when raw data is received.	Task B TM	2 business days
7	TIP Input to Key Metrics Report	TIP Monthly reports shall be due on the first Friday following 30 calendar days from when raw data is received.	Task B TM	2 business days

8	Comparison Data for SPP	TIP Monthly reports shall be due on the first Friday following 30 calendar days from when raw data is received.	Task B TM	2 business days
9	Special TIP Studies/Reports	As needed	Task B TM	5 business days
10	Configuration Audit Report	June 1, 2011	Task B TM	5 business days
11	Corrective Action Plan	June 1, 2011	Task B TM	5 business days
12	Presentations	As needed	Task B TM	2 business days
13	Flyers/fact sheets, Guides and Manuals	As needed	Task B TM	2 business days
14A&B	TIP Semi-Annual Report	A April 1, 2011 B October 1, 2011	Task B TM	5 business days
15A&B	MRFI (Best, Most Improved, and Airports with Most Room for Improvement) Report	A May 1, 2011 B November 1, 2011	Task B TM	5 business days

## 5.7 Inspection and Acceptance Criteria

See Section 4.2

## 6. Task C Image Development

### 6.1 Scope

#### 6.1.1 The contractor shall:

6.1.1.1 Produce, acquire, and/or develop security screening training, testing and assessment images.

6.1.1.2 Provide image development support for existing Threat Image Projectory (TIP), Ready X-Ray (TRX), Advanced Technology (AT), Advanced Imaging Technology (AIT), Explosives Detection Systems (EDS), and/or Auto-EDS equipment.

6.1.1.3 Schedule and pilot assessment images.

6.1.1.4 Distribute images via the appropriate administration platform.

6.1.1.5 Provide expertise to analyze image performance and conduct analysis at the component, sub-component levels of the various types of threat items.

#### 6.1.2 The overall structure of Task C Image Development is as follows:

##### 6.1.2.1 Ad-hoc Image Development



6.1.2.2 TRX and Advanced Technology (AT) Image Requirements

6.1.2.2.1 TRX and AT Training Image Requirements

6.1.2.2.2 TRX and AT Assessment Image Requirements

6.1.2.3 Advanced Imaging Technology (AIT) Requirements

6.1.2.3.1 AIT Training Image Requirements

6.1.2.3.2 AIT Assessment Image Requirements (OPTIONAL)

6.1.2.4 Auto-EDS Requirements

6.1.2.4.1 Auto-EDS Training Image Requirements

6.1.2.4.2 Auto-EDS Assessment Image Requirements

6.1.2.4. Auto-EDS Assessment Image Requirements (OPTIONAL)...

6.2 Ad-hoc Image Development (CLIN 0011 T&M)

6.2.1 The contractor shall develop training images, as required by TSA, to support specialized security training programs, such as, New Hire Training Program, Basic Screener Training, Recurrent Training, Advanced Training, and Emerging Technologies.

6.2.2 Image development shall occur on multiple technologies and machine types (e.g., Rapiscan 520 Series; Rapiscan TRX-U; Rapiscan STIP; Rapiscan WBI; Rapiscan AT; AS&E AIT; Heimann Legacy TIP Systems; Heimann STIP/TRX-U; Smiths Heimann AT; L-3, Provision AIT; L3 Auto-EDS/EDS (Examiner 6000); Analogic Auto-EDS/EDS; CTX Auto-EDS/EDS (2500/5500/9000/9800 CT80).

6.2.3 Government Furnished Equipment (GFE): The contractor shall assume that materials required for this effort are available from Task A.

6.2.4 The contractor shall provide a labor category and labor hour breakdown for any technical direction requested under this CLIN, and receive TSA approval to proceed prior to commencing any work, unless otherwise directed by TSA.

6.3 TRX and Advanced Technology (AT) Image Requirements (CLIN 0010 FFP)

6.3.1 TRX and AT Training Image Capture Requirements

6.3.1.1 The contractor shall capture 1000 clear bags and 300 fictional threat images (FTI) for TRX Simulator to augment the TRX and AT training library.

6.3.1.2 Images shall be captured in volumes: clear bags will be 100 images per volume and FTIs shall be captured in 30 image volumes upon award. Images shall be delivered to the TIL in the following forms: .fti, .ceob, and .jpg...

6.3.1.3 The contractor shall provide all tools necessary to convert, prepare, flip or otherwise prepare images for delivery from .fti and .jpg format.

6.3.1.4 Threat images shall be accompanied with Threat Information Files (TIFs) and clear bag images shall be accompanied with Bag Information Files (BIFs).

6.3.1.5 TRX/AT Machine Types

6.3.1.5.1 Perkin-Elmer (LS110-I) TRX

6.3.1.5.2 L-3 Phase II (LS-110-II) TRX

6.3.1.5.3 Rapiscan (520 series) TRX

6.3.1.5.4 Rapiscan TRX-U TRX

6.3.1.5.5 Smiths Heimann TRX

6.3.1.5.6 Rapiscan AT

6.3.1.5.7 Smiths AT

6.3.1.5.8 If the new L-3 ACXMV AT interface and mimicking algorithm has been developed and implemented into TRX Simulator by the time the test distribution is created, the contractor shall incorporate the new L-3 Multi-View AT system in the test distribution assuming the L-3 uses the existing test library.

#### 6.3.2 TRX and AT Assessment Image Requirements

6.3.2.1 The contractor shall NOT be required to produce any TRX and AT Assessment Images.

6.3.2.2 The contractor shall NOT be required to conduct any TRX and AT Assessment Image Pilots.

##### 6.3.2.3 Assessment Software/Hardware Requirements – TRX Simulator

6.3.2.3.1 The contractor shall finalize FY 2012 Test Distribution based on TSA's image analysis. The Test Distribution will consist of Image Interpretation Tests (IIT), Image Mastery Tests (IMT), and Image Mastery Assessments (IMA). TSA will provide final test design for TRX Simulator thirty calendar days prior to delivery.

6.3.2.3.2 The contractor shall provide a DVD solution for installing the TRX Simulator 2012 Test Distributions via an Altiris push.

6.3.2.3.3 The contractor shall provide a translate data method that transmits all image test (IIT, IMT, IMA) results to the PASS Online.

6.3.2.3.4 The contractor shall provide a translate data method that transmits the IIT and IMT image test results to TSA's Online Learning Center (OLC). The OLC will launch TRX simulator using the current applet method and the contractor shall send the data to the return address provided by OLC without further logging or error checking.

6.3.2.3.5 The contractor shall ensure that all IIT/IMT/IMA assessment files are transmitted and stored on the contractor's website. These assessment files may be removed to permanent storage and accessible for at least seven years.

##### 6.3.2.4 Technical Support Requirements

6.3.2.4.1 The contractor shall provide technical support for TRX Simulator in the setup and delivery of assessments.

6.3.2.4.2 The contractor shall track and report on Help Desk activity using already established tracking procedures.

6.3.2.4.3 The contractor shall assist with OHC to ensure assessment results are recorded properly into PASS Online.

##### 6.3.2.5 FY2012 Test Distribution Requirements

6.3.2.5.1 The FY2012 Test Distribution will consist of the following tests and quantities:

6.3.2.5.1.1 Three (3) IIT tests for each machine type. Each test will contain the exact same images and testing criteria (i.e. image time, session time, scoring criteria, etc.), with only minor adjustments to communications settings if appropriate and will include 75 images.

6.3.2.5.1.2 Five (5) IMT tests for each machine type. Each test will be exactly as it appears today with only minor adjustments to communications settings if appropriate and will include 100 images.

6.3.2.5.1.3 Three (3) IMA tests for each machine type. Each test will consist of 100 images selected by TSA for that particular test.

6.3.2.5.2 The contractor shall develop 3 IMA tests using the following:

6.3.2.5.2.1 For 2012 IMA1, use the new test that was developed for the 2011 IMA, but never implemented.

6.3.2.5.2.2 For 2012 IMA2, reuse the 2010 IMA2.

6.3.2.5.2.3 For 2012 IMA3, reuse the 2010 IMA1.

6.3.2.5.3 TSA will provide all optional settings required for the test distribution.

#### 6.3.2.6 TRX/AT Machine Types

6.3.2.6.1 Perkin-Elmer (LS110-I) TRX

6.3.2.6.2 L-3 Phase II (LS-110-II) TRX

6.3.2.6.3 Rapiscan (520 series) TRX

6.3.2.6.4 Rapiscan TRX-U TRX

6.3.2.6.5 Smiths Heimann TRX

6.3.2.6.6 Rapiscan AT

6.3.2.6.7 Smiths AT

6.3.2.6.8 If the new L-3 ACXMV AT interface and mimicking algorithm have been developed and implemented into TRX Simulator by the time the test distribution is created, the contractor shall incorporate the new L-3 Multi-View AT system in the test distribution assuming the L-3 uses the existing test library.

#### 6.4 Advanced Imaging Technology (AIT) Requirements (CLIN 0010, OPTIONAL CLIN 0012 FFP)

##### 6.4.1 AIT Training Image Requirements (CLIN 0010 FFP)

##### 6.4.1.1 AIT Training Image Capture Requirements

6.4.1.1.1 The contractor shall capture Advanced Imaging Technology (AIT) images for each AIT platform (maximum of 2) using three models per week over the first 11 months of the Period of Performance, for a total of 144 models. The contractor shall capture at least 7 images per model with the reasonable expectation of achieving up to 15 images per model through efficiencies. The images shall contain "Threat" images in each of (b)(3):49 U.S.C. § 114(r). Additionally, the library shall contain "Clear" or innocent images. In addition to "Threat" and "Clear" images, the contractor shall also create Scan Information Files (SIF) for each image. The contractor shall track the type of image (modifiable at OTT discretion), and image difficulty (Easy, Moderate, and Difficult).

6.4.1.1.2 The approximate variation of clear to threat images is [REDACTED] meaning [REDACTED] (b)(3):49 U.S.C. § 114(r)

[REDACTED] (b)(3):49 U.S.C. § 114(r)

[REDACTED] (b)(3):49 U.S.C. § 114(r) Images captured shall be placed in the repository and libraries built based upon the following standards. The threat distribution shall provide the optimum distribution of threats by percentage

[REDACTED] (b)(3):49 U.S.C. § 114(r) always summing to [REDACTED] The (b)(3):49 U.S.C. § 114(r)

classification of "IED" shall consist of explosives variations with and without all IED components. The classification of "Knife" should consist of knives with blades [REDACTED] in length or longer. The classification of [REDACTED] shall consist of (b)(3):49 U.S.C. § 114(r)

(b)(3):49 U.S.C. § 114(r) all other prohibited items [REDACTED] (b)(3):49 U.S.C. § 114(r) listed in the (b)(3):49 U.S.C. § 114(r)

current TSA prohibited items list or prohibited on-person through the walk through metal detector.

6.4.1.1.3 The random generation method is generally the method used to present sessions. Based upon the level of difficulty, each session shall have requirements for percentage of images in each of the three difficulty categories (easy, moderate, and difficult). Additionally, threat to scan ratio expressed in percent threat and percent clear [REDACTED] (b)(3):49 U.S.C. § 114(r) The threat distribution shall be maintained [REDACTED] (b)(3):49 U.S.C. § 114(r)

(b)(3):49 U.S.C. § 114(r) always sum to [REDACTED] for each session. The scan distribution shall be identified by gender/body type (e.g., male, female/large, mid, small, always sum to [REDACTED] The (b)(3):49 U.S.C. § 114(r)

use of the same threat item shall not be duplicated in the same zone region and body type per any scan. Diversity of image presentation shall be a dominant factor in the image capture process. Images shall be captured consistent with the standard process for AIT images.

6.4.1.1.4 The user shall be able to select images by type, body type, threat type, difficulty level, or image name. Images shall be filed so that recall of the image identifies all of the following: Clear or Threat image; Threat Type; Male or Female; Body Size; Body Zone; and image name. All versions of an image shall be categorized in the aforementioned manner and shall be presented in both source file format and bitmap and/or jpeg format.

6.4.1.1.5 Body types shall consist of both genders and of ranging sizes (Large, Mid, Small) proportionate to height and weight as determined by a joint working group consisting of TSA, TSL, the contractor team and the OEM.

6.4.1.1.6 The body types shall be divided into [REDACTED] (b)(3):49 U.S.C. § 114(r) [REDACTED] (b)(3):49 U.S.C. § 114(r) are depicted in Figure 1; and the sub zones for item placement are provided in Table 1.

6.4.1.1.7 Body Zone Codes: The zones describe the areas where threat items shall be placed; this placement shall be representative of reality and shall not consist of placements that are either not possible or are highly improbable (i.e. Bottom of foot; top of head with no hair or head covering present). The library shall consist of at least one threat per each zone region with the threat distribution broken out into the percentages describe in 1.2.5.1.1.2 [REDACTED] (b)(3):49 U.S.C. § 114(r)

[REDACTED] (b)(3):49 U.S.C. § 114(r) always sum to [REDACTED] The contractor shall recommend capture (b)(3):49 U.S.C. § 114(r) specifications to include recommended threats, body type distribution and distribution within zones and work in close partnership with the contractor and TSA to finalize development plans.

6.4.1.1.8 The contractor shall use medical personnel to assist models in dressing and threat placement and to ensure proper sanitation of threat/non-threat items worn by models. To support privacy concerns, photographs of models will have faces blurred, and actual threat placement will be photographed on mannequins.

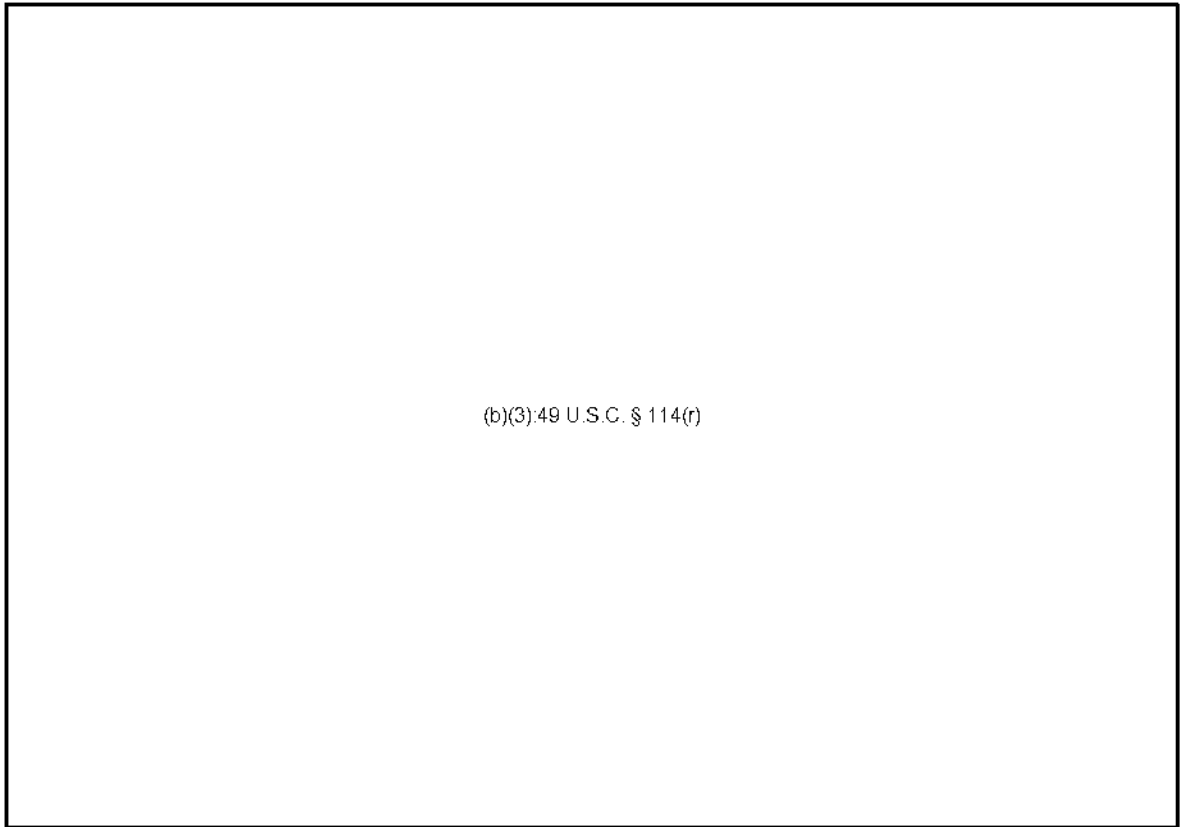


Figure 1.A11 Body Zones

Table 1 Body Zone Regions for Threat Placement

A large rectangular box with a black border, centered on the page. Inside the box, the text "(b)(3):49 U.S.C. § 114(r)" is centered horizontally and vertically. This indicates that the content of the table has been redacted for privacy reasons.

(b)(3):49 U.S.C. § 114(r)

6.4.1.1.2 Images shall be accompanied with Scan Information Files (SIFs).

6.4.1.2 AIT Machine Types

6.4.1.2.1 L3 millimeter wave

6.4.1.2.2 Rapiscan backscatter

6.4.2 **OPTION A** AIT Assessment Image Requirements (CLIN 0012 FFP).

6.4.2.1 The contractor shall NOT be required to capture AIT Assessment Images.

6.4.2.2 AIT Assessment Image Pilot Requirements

6.4.2.2.1 This pilot is to assess images for using in the 2012 AIT IMAs only.

6.4.2.2.2 The contractor shall develop a pilot design document to achieve the following pilot objectives for TSA approval. The contractor shall price a pilot model consistent with past pilots assuming the ability to place resources where necessary, and when to achieve the desired results within the fixed price labor proposed.

6.4.2.2.3 The contractor shall develop and pilot test distributions of IMA assessment images. Pilot design for this activity will be in collaboration with OHC and S&T experts.

6.4.2.2.4 The contractor shall assist TSA in defining image requirements to support pilot of AIT equipment.

6.4.2.2.5 The contractor shall provide the necessary software setup, hardware and logistics to support the pilots and the retrieval of results. The contractor shall utilize existing GFE (e.g., TRX laptops) for use on the pilot when feasible.

6.4.2.2.6 The contractor shall design and develop necessary reports for TSA to review pilot findings in order to determine images for use in assessments. TSA will approve the report design prior to running the reports and no further report runs will be necessary.

6.4.2.2.7 TSA will provide the number and type of “pilot users” for each image test or assessment. TSA will provide the Test Demographic report as provided in previous pilot in support of pilot design one week prior to the pilot design meeting.

6.4.2.2.8 TSA will approve the pilot design while vetting the airports to participate and confirming the final list of airports and quantity and type of users for each airport that will be participating in the pilot. After airports have been identified, the contractor shall coordinate with the TSA airport POC to notify the airport of their assigned pilot testing dates.

6.4.2.2.9 TSA OHC will verify with the airport that the number and type of pilot users are available to test at selected airports.

6.4.2.2.10 The contractor shall be prepared to pilot the image tests within 12 business days from receipt of all of the following: approved tests, participating airports, and pilot users. The contractor shall develop mutually agreed to fully integrated schedule which shall govern all due dates throughout the pilot.

6.4.2.2.11 The contractor shall score each test based on TSA supplied equations. Tests will be correctly scored, defect free, and of good quality. GFI will be provided via Technical Direction (TD) from the Task Technical Monitor.

6.4.2.2.12 The contractor shall analyze pilot results and conduct a post pilot debriefing with report that details the results of the pilot. This report will include only data relevant to pilot goals and objectives and not include any test design materials.

6.4.2.2.13 The contractor shall work with OTT and OHC to determine the number of airports to be included in the pilot, the number of evaluators to assist at each airport, and the number of weeks to conduct the pilot.

6.4.2.2.14 The contractor shall determine the number of weeks required for proctor training and pilot preparation.

6.4.2.2.15 The contractor shall provide image test support to include:

6.4.2.2.15.1 Scheduling, administering (proctor) and analyzing pilot test results.

6.4.2.2.15.2 Technical expertise support during image review, development and test creation.

6.4.2.2.15.3 Pilot test support to include test administration, test equipment, test media, and reporting results for analysis.

6.4.2.2.15.4 Subject Matter Expert (SME) Image and equipment expertise in addition to analytical support of test results and data.

#### 6.4.2.3 AIT Assessment Software/Hardware Requirements – TRX Simulator

6.4.2.3.1 The contractor shall finalize FY 2012 Test Distributions based on TSA’s image analysis. The Test Distribution will consist of Image Interpretation Tests (IIT), Image Mastery Tests (IMT), and Image Mastery Assessments (IMA). TSA will provide final test design two weeks prior to delivery.

6.4.2.3.2 The contractor shall provide a DVD solution for installing the TRX Simulator 2012 Test Distributions via an Altiris push.

6.4.2.3.3 The contractor shall provide a translate data method that transmits all image test (IIT, IMT, IMA) results to the PASS Online.

6.4.2.3.4 The contractor shall provide a translate data method that transmits the IIT and IMT image test results to TSA's Online Learning Center (OLC). The OLC will launch TRX simulator using the current applet method and the contractor shall send the data to the return address provided by OLC without further logging or error checking.

6.4.2.3.5 The contractor shall ensure that all IIT/IMT/IMA assessment files are transmitted and stored on the contractor's website. These assessment files may be removed to permanent storage and accessible for at least seven years.

#### 6.4.2.4 AIT Technical Support Requirements

6.4.2.4.1 The contractor shall provide technical support to OTT for TRX Simulator in the setup and delivery of assessments.

6.4.2.4.2 The contractor shall track and report on Help Desk activity using already established tracking procedures.

6.4.2.4.3 The contractor shall assist with OHC and its Contractors to ensure assessment results are recorded properly into PASS Online.

#### 6.4.2.5 The final 2012 AIT Test Distribution shall consist of the following:

6.4.2.5.1 Three (3) IIT tests for each machine type. Each test will be exactly as it appears today with only minor adjustments to communications settings if appropriate and will include 90 images.

6.4.2.5.2 Five (5) IMT tests for each machine type. Each test will be exactly as it appears today with only minor adjustments to communications settings if appropriate and will include 90 images.

6.4.2.5.3 Three (3) IMA tests for each machine type. Each test will include 100 images.

#### 6.4.2.6 AIT Machine Types

6.4.2.6.1 L3 millimeter wave

6.4.2.6.2 Rapiscan backscatter

### 6.5. Auto-EDS Requirements (CLIN 0010 FFP, OPTIONAL CLIN 0013 FFP, OPTIONAL CLIN 0014, OPTIONAL CLIN 0015)

#### 6.5.1 Auto-EDS Training Image Requirements (CLIN 0010 FFP)

##### 6.5.1.1 Auto-EDS Training Image Capture Requirements

6.5.1.1.1 The contractor shall provide 200 Auto-EDS training images for the Reveal FUSION, for both Checked Baggage (CB) and Check Point (CP) configuration. The CP images shall be identical to the images already captured for the Analogic COBRA.

6.5.1.1.2 The contractor shall provide 200 Auto-EDS training images for the Analogic COBRA, for Checked Baggage (CB) configuration only.

6.5.1.1.3 Check Point (CP) images shall follow the [redacted] (clear) [redacted] (threat) mix (b)(3):49 U.S.C. § 114(r) with [redacted] (b)(3):49 U.S.C. § 114(r) Other.



(b)(3):49 U.S.C.  
§ 114(r)

6.5.1.1.4 Checked Baggage (CB) images shall be as follows: [redacted] clear [redacted] [redacted] suspect [redacted] obvious. (b)(3):49 U.S.C. § 114(r)

6.5.1.1.5 The contractor shall work with TSA to devise the best possible platform for delivery of images that are not currently supported by a simulator.

6.5.1.1.6 The contractor shall support TSA's work with the OEM for the specific TSE to ensure images captured will reliably reproduce on OEM provided simulators. OEMs will test the images as they are developed and confirm their suitability with the specific TSE and Simulator.

6.5.1.1.7 The contractor shall support TSA's work with the OEMs to develop load protocols that effectively load the images into the simulators and establish test protocols for OEMs to validate that the load protocol works effectively with the TSE or associated simulators. To the maximum extent possible, limited by the simulator or TSE, The contractor shall work to develop an auto-run DVD that retains images in encrypted form precluding users from viewing images directly from the DVD.

6.5.1.1.8 Threat images shall be accompanied with Threat Information Files (TIFs) and Bag images shall be accompanied by Bag Information Files (BIFs).

#### 6.5.1.2 Auto-EDS Machine Types

6.5.1.2.1 Analogic COBRA (Both CB and CP format)

6.5.1.2.2 Reveal FUSION (Both CB and CP format)

#### 6.5.2 Auto-EDS Assessment Image Requirements (CLIN 0010 FFP, OPTIONAL CLIN 0013 FFP, OPTIONAL CLIN 0014)

##### 6.5.2.1 Auto-EDS Assessment Image Capture Requirements

###### 6.5.2.1.1 OQT Image Capture (CLIN 0010 FFP)

6.5.2.1.1.1 The contractor shall provide 100 Auto-EDS assessment images for each of the machine types for Checked Baggage (CB) configuration.

(b)(3):49 U.S.C.  
§ 114(r)

6.5.2.1.1.2 Checked Baggage (CB) images shall be as follows: [redacted] clear; [redacted] suspect [redacted] obvious. (b)(3):49 U.S.C. § 114(r)

###### 6.5.2.1.2 **OPTION B - IIT/IMT/IMA** Image Capture (CLIN 0013 FFP)

6.5.2.1.2.1 The contractor shall provide 300 Auto-EDS assessment images for the Analogic COBRA (CP format only).

6.5.2.1.2.2 Check Point (CP) images shall follow the [redacted] (clear) [redacted] (threat) mix with [redacted] (b)(3):49 U.S.C. § 114(r) Other. (b)(3):49 U.S.C. § 114(r)

6.5.2.1.3 The contractor shall work with TSA to devise the best possible platform for delivery of images that are not currently supported by a simulator.

6.5.2.1.4 The contractor shall support TSA's work with the OEM for the specific TSE to ensure images captured will reliably reproduce on OEM provided simulators. OEMs will test the images as they are developed and confirm their suitability with the specific TSE and Simulator.

6.5.2.1.5 The contractor shall support TSA's work with the OEMs to develop load protocols that effectively load the images into the simulators and establish test protocols for OEMs to validate that the load protocol works effectively with the TSE or associated simulators. To the maximum extent possible, limited by the simulator or TSE, The contractor shall work to develop an auto-run DVD that retains images in encrypted form precluding users from viewing images directly from the DVD.

6.5.2.1.6 Threat images shall be accompanied with Threat Information Files (TIFs) and Bag images shall be accompanied by Bag Information Files (BIFs).

**6.5.2.2 OPTION C - Auto-EDS Assessment Image Pilot Requirements Analogic COBRA (CLIN 0014 FFP)**

6.5.2.2.1 The Auto-EDS Assessment Image Pilot shall be for the Analogic COBRA (CP format) – IMA images only.

6.5.2.2.2 The contractor shall develop a pilot design document to achieve the following pilot objectives for TSA approval. The contractor shall price a pilot model consistent with past pilots assuming the ability to place resources where necessary, and when to achieve the desired results within the fixed price labor proposed.

6.5.2.2.3 The contractor shall develop and pilot the following test distributions: Auto-EDS assessments to be supported using OEM simulator. Pilot design for this activity will be in collaboration with OHC and S&T experts.

6.5.2.2.4 The contractor shall assist TSA in defining image requirements and capture sufficient images to support pilot of Auto-EDS equipment.

6.5.2.2.5 The contractor shall provide the necessary software setup, hardware and logistics to support the pilots and the retrieval of results. The contractor shall utilize existing GFE in Task Order 02 and Task Order 05 inventory (e.g., OEM simulators) for use on the pilot when feasible. The contractor shall configure laptops, ship to airports, return to crystal city for data cleaning, and then return to the TSC.

6.5.2.2.6 The contractor shall design and develop necessary reports for TSA to review pilot findings in order to determine images for use in assessments. TSA will approve the report design prior to running the reports and no further report runs will be necessary.

6.5.2.2.7 TSA will provide the number and type of "pilot users" for each image test or assessment. TSA will provide the Test Demographic report as provided in previous pilot in support of pilot design one week prior to the pilot design meeting.

6.5.2.2.8 TSA will approve the pilot design while vetting the airports to participate and confirming the final list of airports and quantity and type of users for each airport that will be participating in the pilot. After airports have been identified, the contractor shall coordinate with the TSA airport POC to notify the airport of their assigned pilot testing dates.

6.5.2.2.9 TSA OHC will verify with the airport that the number and type of pilot users are available to test at selected airports.

6.5.2.2.10 The contractor shall be prepared to pilot the image tests within 12 business days from receipt of all of the following: approved tests, participating airports, and pilot users. The contractor shall develop mutually agreed to fully integrated schedule which shall govern all due dates throughout the pilot.

6.5.2.2.11 The contractor shall score each test based on TSA supplied equations. Tests shall be correctly scored, defect free, and of good quality.

6.5.2.2.12 The contractor shall analyze pilot results and conduct a post pilot debriefing with report that details the results of the pilot. This report will include only data relevant to pilot goals and objectives and not include any test design materials.

6.5.2.2.13 The contractor shall determine the number of weeks required for proctor training and pilot preparation.

6.5.2.2.14 The contractor shall provide image test support to include:

6.5.2.2.14.1 Scheduling, administering (proctor) and analyzing pilot test results.

6.5.2.2.14.2 Technical expertise support during image review, development and test creation.

6.5.2.2.14.3 Pilot test support to include test administration, test equipment, test media, and reporting results for analysis.

6.5.2.2.14.4 Subject Matter Expert (SME) Image and equipment expertise in addition to analytical support of test results and data.

#### 6.5.2.3 Auto-EDS Assessment Software/Hardware Requirements – OEM Simulator (CLIN 0010 FFP)

6.5.2.3.1 The contractor shall design, develop and implement software to capture assessment results on the OEM simulator and deliver the resulting data to a TSA approved repository (currently OLC). TSA will provide the contractor with a direct post method to the OLC or alternative storage site that currently accepts a direct post of data. The software development activity for this effort will be performed under CLIN 0018 (T&M) as the software to be integrated does not exist today.

6.5.2.3.2 The contractor shall maintain under configuration control, master hard drives (one master and one backup) that can be replicated and installed on necessary simulator hardware. All simulator hardware will be Government Furnished Equipment (GFE).

#### 6.5.2.4 Auto-EDS Technical Support Requirements (CLIN 0010 FFP)

6.5.2.4.1 The contractor shall provide technical support to OTT for OEM Simulator in the setup and delivery of assessments.

6.5.2.4.2 The contractor shall track and report on Help Desk activity using already established tracking procedures.

6.5.2.4.3 The contractor shall assist with OHC and its Contractors to ensure assessment results are recorded properly into PASS Online.

#### 6.5.2.5 Auto-EDS 2012 Test Distribution Requirements (CLIN 0010 FFP)

6.5.2.5.1 The FY2012 Test Distribution for Analogic COBRA (CP format) shall consist of the following tests and quantities:

6.5.2.5.1.1 Two (2) IIT tests for each machine type. Each test will contain the exact same images and testing criteria (i.e. image time, session time, scoring criteria, etc.), with only minor adjustments to communications settings if appropriate and will include 75 images.

6.5.2.5.1.2 Three (3) IMT tests for each machine type. Each test will be exactly as it appears today with only minor adjustments to communications settings if appropriate and will include 100 images.

6.5.2.5.1.3 Three (3) IMA tests for each machine type. Each test will include 100 images.

6.5.2.5.2 TSA will provide all optional settings required for the test distribution.

#### 6.5.2.6 Auto-EDS Machine Types

6.5.2.6.1 Analogic COBRA (Both CB and CP format)

6.5.2.6.2 Reveal FUSION (Both CB and CP format)

#### 6.5.3 **OPTION D:** Auto-EDS Assessment Image Requirements (CLIN 0015 FFP)

##### 6.5.3.1 Auto-EDS Assessment Image Capture Requirements

###### 6.5.3.1.1 IIT/IMT/IMA Image Capture

6.5.3.1.1.1 The contractor shall provide 750 Auto-EDS assessment images for the Reveal FUSION (CP format only). The CP images shall be identical to the images already captured for the Analogic COBRA.

6.5.3.1.1.2 Check Point (CP) images shall follow the (b)(3):49 U.S.C. § 114(r) (clear (b)(3):49 U.S.C. § 114(r) (threat) mix with Other.

6.5.3.1.2 The contractor shall work with TSA to devise the best possible platform for delivery of images that are not currently supported by a simulator.

6.5.3.1.3 The contractor shall support TSA's work with the OEM for the specific TSE to ensure images captured will reliably reproduce on OEM provided simulators. OEMs will test the images as they are developed and confirm their suitability with the specific TSE and Simulator.

6.5.3.1.4 The contractor shall support TSA's work with the OEMs to develop load protocols that effectively load the images into the simulators and establish test protocols for OEMs to validate that the load protocol works effectively with the TSE or associated simulators. To the maximum extent possible, limited by the simulator or TSE, The contractor shall work to develop an auto-run DVD that retains images in encrypted form precluding users from viewing images directly from the DVD.

6.5.3.1.7 Threat images shall be accompanied with Threat Information Files (TIFs) and Bag images shall be accompanied by Bag Information Files (BIFs).

##### 6.5.3.2 Auto-EDS Assessment Image Pilot Requirements

6.5.3.2.1 The Auto-EDS Assessment Image Pilot shall be conducted for the Reveal FUSION (CP format) – IIT/IMT/IMA images.

6.5.3.2.2 The contractor shall develop a pilot design document to achieve the following pilot objectives for TSA approval. The contractor shall price a pilot model consistent with past pilots assuming the ability to place resources where necessary, and when to achieve the desired results within the fixed price labor proposed.

6.5.3.2.3 The contractor shall develop and pilot the following test distributions: Auto-EDS assessments to be supported using OEM simulator. Test Distribution will consist of IIT/IMT/IMA pilot assessment images. Pilot design for this activity will be in collaboration with OHC and S&T experts.

6.5.3.2.4 The contractor shall assist TSA in defining image requirements and capture sufficient images to support pilot of Auto-EDS equipment.

6.5.3.2.5 The contractor shall provide the necessary software setup, hardware and logistics to support the pilots and the retrieval of results. The contractor shall utilize existing GFE in Task Order 02 and Task Order 05 inventory (e.g., OEM simulators) for use on the pilot when feasible. The contractor shall configure laptops in Crystal City, ship to airports, return to crystal city for data cleaning, and then return to the TSC.

6.5.3.2.6 The contractor shall design and develop necessary reports for TSA to review pilot findings in order to determine images for use in assessments. TSA will approve the report design prior to running the reports and no further report runs will be necessary.

6.5.3.2.7 TSA will provide the number and type of "pilot users" for each image test or assessment. TSA will provide the Test Demographic report as provided in previous pilot in support of pilot design one week prior to the pilot design meeting.

6.5.3.2.8 TSA will approve the pilot design while vetting the airports to participate and confirming the final list of airports and quantity and type of users for each airport that will be participating in the pilot. After airports have been identified, the contractor shall coordinate with the TSA airport POC to notify the airport of their assigned pilot testing dates.

6.5.3.2.9 TSA OHC will verify with the airport that the number and type of pilot users are available to test at selected airports.

6.5.3.2.10 The contractor shall be prepared to pilot the image tests within 12 business days from receipt of all of the following: approved tests, participating airports, and pilot users. The contractor shall develop mutually agreed to fully integrated schedule which shall govern all due dates throughout the pilot.

6.5.3.2.11 The contractor shall score each test based on TSA supplied equations. Tests will be correctly scored, defect free, and of good quality.

6.5.3.2.12 The contractor shall analyze pilot results and conduct a post pilot debriefing with report that details the results of the pilot. This report will include only data relevant to pilot goals and objectives and not include any test design materials.

6.5.3.2.13 The contractor shall determine the number of weeks required for proctor training and pilot preparation.

6.5.3.2.14 The contractor shall provide image test support to include:

6.5.3.2.14.1 Scheduling, administering (proctor) and analyzing pilot test results.

6.5.3.2.14.2 Technical expertise support during image review, development and test creation.

6.5.3.2.14.3 Pilot test support to include test administration, test equipment, test media, and reporting results for analysis.

6.5.3.2.14.4 Subject Matter Expert (SME) Image and equipment expertise in addition to analytical support of test results and data.

#### 6.5.3.3 Auto-EDS Assessment Software/Hardware Requirements – OEM Simulator

6.5.3.3.1 The contractor shall design, develop and implement software to capture assessment results on the OEM simulator and deliver the resulting data to a TSA approved repository (currently OLC). TSA will provide the contractor with a direct post method to the OLC or alternative storage site that currently accepts a direct post of data. The software development activity for this effort will be performed under CLIN 0018 (T&M) as the software to be integrated does not exist today.

6.5.3.3.2 The contractor shall maintain under configuration control, master hard drives (one master and one backup) that can be replicated and installed on necessary simulator hardware. All simulator hardware will be Government Furnished Equipment (GFE).

#### 6.5.3.4 Auto-EDS Technical Support Requirements

6.5.3.4.1 The contractor shall provide technical support to OTT for OEM Simulator in the setup and delivery of assessments.

6.5.3.4.2 The contractor shall track and report on Help Desk activity using already established tracking procedures.

6.5.3.4.3 The contractor shall assist with OHC and its Contractors to ensure assessment results are recorded properly into PASS Online.

#### 6.5.3.5 Auto-EDS 2012 Test Distribution Requirements

6.5.3.5.1 The FY2012 Test Distribution for Reveal FUSION (CP format) will consist of the following tests and quantities:

6.5.3.5.1.1 Two (2) IIT tests for each machine type. Each test will include 75 images.

6.5.3.5.1.2 Three (3) IMT tests for each machine type. Each test will include 100 images.

6.5.3.5.1.3 Three (3) IMA tests for each machine type. Each test will include 100 images.

6.5.3.5.2 TSA will provide all optional settings required for the test distribution.

#### 6.5.3.6 Auto-EDS Machine Types

6.5.3.6.1 Analogic COBRA (Both CB and CP format)

6.5.3.6.2 Reveal FUSION (Both CB and CP format)

## 6.6. Summary of Requirements Matrix

Contract Requirement	Simulator Platform	Machine Type	Equipment	Config	Training Image Capture	Test Distribution Type	Test Image Capture	IIT/IMT/IMA Image Pilot	Test Distribution
Base	TRX Sim	TRX and AT	Smiths, Rapiscan, L-3, P-E, Smiths AT, and Rapiscan AT (L3 AT)	n/a	1,000 Clear 300 Threat	IIT/IMT/IMA	n/a	n/a	FY2012 Test Distribution: IIT: 3 Tests of 75 images (already developed) IMT: 5 Tests of 100 images (already developed) IMA: 3 Tests of 100 images (re-create)
Base	TRX Sim	AIT	L3 and Rapiscan	n/a	144 models				
OPTION A	TRX Sim	AIT	L3 and Rapiscan	n/a		IIT/IMT/IMA	n/a	IMA images only	FY2012 Test Distribution: IIT: 3 Tests of 90 images (already developed) IMT: 5 Tests of 90 images (already developed) IMA: 3 Tests of 100 images (create) OQT1: 50 images OQT2: 50 images OQT1: 50 images OQT2: 50 images
Base	OEM Sim	Auto-EDS	Analogic COBRA	CB	200 images	OQT	100 images		
Base	OEM Sim	Auto-EDS	Reveal FUSION	CB	200 images	OQT	100 images		
Base	OEM Sim	Auto-EDS	Reveal FUSION	CP	200 images *				
OPTION B	OEM Sim	Auto-EDS	Analogic COBRA	CP		IIT/IMT/IMA	300 images for IMA **		
OPTION C	OEM Sim	Auto-EDS	Analogic COBRA	CP		IIT/IMT/IMA		IMA images only	FY2012 Test Distribution: IIT: 2 Tests of 75 images (already developed) IMT: 3 Tests of 100 images (already developed) IMA: 3 Tests of 100 images (create) FY2012 Test Distribution: IIT: 2 Tests of 75 images (create) IMT: 3 Tests of 100 images (create) IMA: 3 Tests of 100 images (create)
OPTION D	OEM Sim	Auto-EDS	Reveal FUSION	CP		IIT/IMT/IMA	750 images *	all images	

\* - The images shall be identical to the images already captured for the Analogic COBRA.

\*\* - These images will consist of a) What is left over from the current pilot, and b) What needs to be captured to end up with 300 usable IMA images.

## 6.7. Task C Deliverables

Deliverable #	Deliverable Title	Due Date	Recipient	Government Review
1	TRX/AT – 1000 Clear Bags, 300 FTIs	FY2012, Q1 (Oct – Dec 2011)	Task C TM	10 Business Days
2	TRX/AT – FY2012 Test Distribution	FY2012, Q1 (Oct – Dec 2011)	Task C TM	10 Business Days
3	AIT – 400 Training Images	FY2011, Q3 (Apr – Jun 2011)	Task C TM	5 Business Days
4	Auto-EDS – 600 Training Images: 200 FUSION (CP) 200 FUSION (CB) 200 COBRA (CB)	FY2011, Q3 (Apr – Jun 2011)	Task C TM	5 Business Days

5	Auto-EDS – 200 OQT Assessment Images: 100 FUSION (CB) 100 COBRA (CB)	FY2011, Q4 (Jul – Sep 2011)	Task C TM	5 Business Days
6 – OPTION A	AIT – FY2012 Test Distribution	FY2011, Q4 (Jul – Sep 2011)	Task C TM	10 Business Days
7 – OPTION B	300 Auto-EDS IMA Assessment Images for COBRA (CP only)	FY2011, Q3 (Apr – Jun 2011)	Task C TM	5 Business Days
8 – OPTION C	Auto-EDS FY2012 Test Distribution (Analogic COBRA)	FY2011, Q4 (Jul – Sep 2011)	Task C TM	10 Business Days
9 – OPTION D	750 Auto-EDS IIT/IMT/IMA Assessment Images for FUSION (CP only)	FY2012, Q1 (Oct – Dec 2011)	Task C TM	5 Business Days
10 – OPTION D	Auto-EDS – FY2012 Test Distribution (Reveal Fusion)	FY2012, Q1 (Oct – Dec 2011)	Task C TM	10 Business Days

#### 6.8. Inspection and Acceptance Criteria

See Section 4.2

### 7. **Task D - Image Library**

#### 7.1. TRX Simulator Library Management (CLIN 0016 FFP)

7.1.1 The contractor shall augment the existing TRX Simulator training library with 1,000 new clear bag images and 300 new fictional threat images (FTIs).

7.1.2 The clear bag images shall contain Bag Information Files (BIFs) that consist of a visual picture of the bag and its contents, and a description of the items contained within the bag.

7.1.3 The threat bag images shall contain Threat Information Files (TIFs) that consist of both a visual and X-ray picture of the threat, and a description of the threat item.

7.1.4 The clear bag and threat images shall be accessible in all TRX and AT simulation modules of TRX Simulator. The contractor shall develop an Altiris delivery package to upload the images.

#### 7.2. AIT Simulator Library Management (CLIN 0016 FFP)



7.2.1 The contractor shall augment the existing TRX Simulator training library with 400 new training images.

7.2.2 The images shall contain Scan Information Files (SIFs) that consist of a visual picture of the model and contents for each "Clear" image.

7.2.3 The images shall contain Threat Information Files (TIFs) that consist of both a visual and AIT picture of the threat, and a description of the threat item, for each "Threat" image.

7.2.4 The images shall be accessible in all AIT simulation modules of TRX Simulator. The contractor shall develop an Altiris delivery package to upload the images.

#### 7.3. Auto-EDS Simulator Library Management (CLIN 0016 FFP)

7.3.1 The contractor shall develop a training library for each auto-EDS platform consisting of 200 images. The contractor shall work with the OEMs to develop load protocols that effectively load the images into the simulators and establish test protocols for OEMs to validate that the load protocol works effectively with the TSE or associated simulators. The contractor shall strive to create an auto-load functionality to support simulators.

7.3.2 Training Image Delivery. For each set of 200 training images, they shall be delivered in the following format:

7.3.2.1 Demo session of 10 images. The contractor shall work with TSA to identify the best mix for the images.

7.3.2.2 Bag set of 50 images. The contractor shall work with TSA to identify the best mix for the images.

7.3.2.3 Bag set of 140 images. The contractor shall work with TSA to identify the best mix for the images.

7.3.2.4 Image sets shall be delivered on the OEM training simulator.

7.3.3 OQT Assessment Image Delivery. For each set of 100 OQT assessment images, they shall be delivered in the following format:

7.3.3.1 Two assessments of 50 images each.

7.3.3.2 The contractor shall work with TSA to identify the best mix for the images.

7.3.3.3 Image sets shall be delivered on the OEM training simulator.

#### 7.4. Task D Deliverables

Deliverable #	Item	Due Date	Deliverable Recipient	Government Review
1	TRX/AT – TRX Sim Training Library (1000 Clear Bags/300 FTIs)	FY2012, Q1 (Oct – Dec 2011)	Task D Technical Monitor	10 Business Days
2	AIT – TRX Sim Training Library (400 Training Images)	FY2012, Q1 (Oct – Dec 2011)	Task D Technical Monitor	10 Business Days

Deliverable #	Item	Due Date	Deliverable Recipient	Government Review
3	Auto-EDS – 200 COBRA (CB) Training Images	FY2011, Q4 (Apr – Jun 2011)	Task D Technical Monitor	5 Business Days
4	Auto-EDS – 200 FUSION (CB) Training Images	FY2011, Q4 (Jul – Sep 2011)	Task D Technical Monitor	5 Business Days
5	Auto-EDS – 200 FUSION (CP) Training Images	FY2011, Q4 (Jul – Sep 2011)	Task D Technical Monitor	5 Business Days
6	Auto-EDS – 100 COBRA (CB) OQT Images	FY2011, Q3 (Apr – Jun 2011)	Task D Technical Monitor	5 Business Days
7	Auto-EDS – 100 FUSION (CB) OQT Images	FY2011, Q4 (Jul – Sep 2011)	Task D Technical Monitor	5 Business Days
8 – OPTION A	AIT – FY2012 Test Distribution For TRX Simulator	FY2012, Q1 (Oct – Dec 2011)	Task C Technical Monitor	10 Business Days
9 – OPTION B	300 Auto-EDS IMA Assessment Images for COBRA (CP only) For OEM Simulator	FY2011, Q3 (Apr – Jun 2011)	Task C Technical Monitor	5 Business Days
10 – OPTION C	Auto-EDS – FY2012 Test Distribution (Analogic COBRA) For OEM Simulator	FY2011, Q4 (Jul – Sep 2011)	Task C Technical Monitor	10 Business Days
11 – OPTION D	750 Auto-EDS IIT/IMT/IMA Assessment Images for FUSION (CP only) For OEM Simulator	FY2012, Q1 (Oct – Dec 2011)	Task C Technical Monitor	5 Business Days
12 – OPTION D	Auto-EDS – FY2012 Test Distribution (Reveal FUSION) For OEM Simulator	FY2012, Q1 (Oct – Dec 2011)	Task C Technical Monitor	10 Business Days

## 7.5. Inspection and Acceptance Criteria

See Section 4.2

## 8. **Task E - Image Simulator Support**

### 8.1 TRX Simulator Family (CLIN 0017 FFP)

The Contractor shall maintain existing learning technology products (e.g., TIP Ready X-ray (TRX) Simulator, Test Development Utility (TDU) and Test Results Manager (TRM)).

### 8.2 Data Management/Change Management (CLIN 0017 FFP)

8.2.1 The Contractor shall use a formal change management process.

8.2.2 The Contractor shall make available documentation of the change management process to TSA upon request of the Technical Monitor(TM).

8.2.3 The contractor shall provide a Data Management Plan (DMP) that specifically outlines all data interface requirements. The contractor shall not be required to provide Proprietary System Database Design documentation. TSA will submit the DMP to Office Information Technology (OIT) Enterprise Data Management (EDM).

8.2.4 All images and data within the database are property of TSA.

### 8.3 Requirements Recommendations/Development (CLIN 0017 FFP)

8.3.1 The Contractor shall support collaboration with multiple developers and original equipment manufacturers (OEMs) and recommend changes based upon communications with various stakeholders; recommendations received from help desk support activity; and recommendations based on anticipated training or equipment changes.

8.3.2 The Contractor shall provide a baseline (As Is) functional requirements document representing the "as-is" state of TRX Simulator at the time of award of this task order.

8.3.2.1 Functional requirements shall be developed using the highlighted areas of Attachment O, "DHS Systems Engineering Lifecycle Functional Requirements Document," as guidance. Requirements shall be maintained in accordance with software development best practices.

8.3.3 The Contractor shall deliver an updated functional requirements document via a Change Request Form (CRF) for all simulator software development, including but not limited to major version upgrades, minor releases, bug fixes, and OEM software modifications.

8.3.3.1 A traceability matrix shall be developed linking each functional requirement to the associated test cases/steps.

8.3.4 The Contractor shall analyze the requirements to determine if any cost savings can be achieved by leveraging common area development techniques.

8.3.5 The Contractor shall participate in any TSA Integrated Product Team (IPT), as required, to support the development of requirements.

8.3.6 The Contractor shall provide technical expertise for requirements development, requirements analysis, change management evaluation, design, maintenance and update of

training simulators for TSA approved Security Equipment in order to meet TSA training and testing needs.

8.3.7 The Contractor shall provide a requirements repository. The repository shall be sortable and/or searchable by release number (implemented or targeted), date entered into repository, and the source of the requirement. The Contractor shall propose the format/delivery method for this repository.

8.3.7.1 The repository shall come populated with all the requirements contained in the TRX Simulator contained in "as-is" document, as well currently documented requirements for future releases. The "as-is" requirements shall be noted as "existing" for the sortable/searchable data elements identified in 8.3.7.

8.3.8. The Contractor shall work in close partnership with TSA to develop requirements for fully or partially integrated solutions to ensure stand alone systems have capability to communicate with existing critical TSA sites such as Pass On-Line.

8.3.9 Any interface requirements for TRX Simulator to PASS Online, OLC and other TSA systems as outlined in the SOW will be developed under the guidance of TSA OTT with input from OIT; and with technical representation from each of these other system groups.

#### 8.4 Training Laptop Configuration Management (CLIN 0017 FFP)

The Contractor shall maintain training laptop image ensuring the images contain the latest TRX Simulator software, training sessions, images, assessments, curriculum and updates.

#### 8.5 Software Upgrades (CLIN 0017FFP)

8.5.1 The Contractor shall provide or support development of the following for TSA simulation software:

8.5.1.1 TRX SIM Software Management – One (1) Major Version Upgrade (L3 AT)

8.5.1.2 TRX SIM Software Management – One (1) Minor Service Release Upgrade (new image library)

8.5.1.3 TRX SIM Software Management - Up to three (3) parallel proof-of-concept pilot systems in support of distributed training model (client-server/virtual desktop) effort. Deliverables shall consist of Microsoft Installer (MSI) packages not to exceed nine (9) in number.

8.5.1.4 TRX SIM Session Development – Two (2) TRX/AT custom sessions per month (Fifty [50] bag max, one [1] weapons session, one [1] IED session) to be delivered packaged for Altiris delivery on a quarterly basis.

8.5.1.5 TRX SIM Software Deliverables – Two (2) Software Upgrades and four (4) Additional Software updates packaged for Altiris delivery.

8.5.1.6 TRX SIM Documentation – Two (2) On-Line User Guide Upgrades, two (2) Software Upgrade Announcements

8.5.2 The contractor shall be required to make necessary modification to TRX system interfaces as required, within a mutually agreed to time frame between the contractor, TSA OTT and TSA, to comply

with changes to PASS Online, OLC, and other TSA systems. These modifications may be required within a short time frame to address data security issues (e.g., OLC replacing use of individual SSNs)

#### 8.6. Software Testing (CLIN 0017 FFP)

8.6.1 The Contractor shall follow industry best practices for software testing for all software development.

8.6.2 The Contractor shall deliver a Test Plan for each software release. The scope of testing shall be defined in the Test Plan. The Test Plan shall be delivered with 10 Business Days after acceptance of the baseline functional requirements for the release.

8.6.3 The Contractor shall provide support for independent testing efforts as requested during software development efforts.

8.6.4 The Contractor shall provide documentation of test results.

8.6.5 Any changes to TRX system interfaces with PASS Online, OLC, and other TSA systems shall be tested and approved with those systems prior to implementation.

#### 8.7 Configuration Management/Emerging Technologies Support (CLIN 0017 FFP, CLIN 0018 T&M)

8.7.1 The Contractor shall provide the following for OEM simulation software and/or hardware (CLIN 0017 FFP):

8.7.1.1 The Contractor shall support Configuration Management of Simulator Systems (e.g. TRX SIM, contract laptops, EDS SIMs, AIT Sims) and their respective Image Libraries.

8.7.1.2 Technical personnel shall work with OST and OTT to analyze new Security Technologies as they are developed to determine impacts on training delivery tools (simulators) and/or procedures.

8.7.1.3 OEM SIM Image Management – one (1) AIT Training Library Image Prep and Delivery. Advanced Imaging Technology (AIT) image library consisting of images identified in a joint working group of TSA, TSL, and the Contractor made up of threat and clear images per AIT platform (maximum of two (2)).

8.7.1.4 OEM SIM Image Management – one (1) AIT Assessment Library Image Prep and Delivery.

8.7.1.5 The technology team shall function as liaison under the purview of the TM with Curriculum development, logistics, and training delivery within the Contractor team.

8.7.2 The Contractor shall provide the following for OEM simulation software and/or hardware (CLIN 0018 T&M):

8.7.2.1 OEM SIM Maintenance Management (This includes AIT, EDS and new Emerging Technology equipment.), including not limited to troubleshooting of all OEM SIM issues, software engineering as required to support TSA mission needs, and replacement of defective hardware.

8.8 The contractor shall comply with all security and privacy requirements as detailed within the base contract HSTS01-09-D-OSO900 and Section I- Contract Clauses Terms and Conditions of this Task Order.

## 8.9. Task E Section 508 Compliance Determination

### 8.9.1 Accessibility Requirements (Section 508)

8.9.1.1 Section 508 of the Rehabilitation Act, as amended by the Workforce Investment Act of 1998 (P.L. 105-220) requires that when Federal agencies develop, procure, maintain, or use electronic and information technology (EIT), they must ensure that it is accessible to people with disabilities. Federal employees and members of the public who have disabilities must have equal access to and use of information and data that is comparable to that enjoyed by non-disabled Federal employees and members of the public.

8.9.1.2 All EIT deliverables within this work statement shall comply with the applicable technical and functional performance criteria of Section 508 unless exempt. Specifically, the following applicable EIT accessibility standards have been identified:

### 8.9.2 Section 508 Applicable EIT Accessibility Standards

8.9.2.1 36 CFR 1194.21 Software Applications and Operating Systems, applies to all EIT software applications and operating systems procured or developed under this work statement including but not limited to GOTS and COTS software. In addition, this standard is to be applied to Web-based applications when needed to fulfill the functional performance criteria. This standard also applies to some Web based applications as described within 36 CFR 1194.22.

8.9.2.2 36 CFR 1194.22 Web-based Intranet and Internet Information and Applications, applies to all Web-based deliverables, including documentation and reports procured or developed under this work statement. When any Web application uses a dynamic (non-static) interface, embeds custom user control(s), embeds video or multimedia, uses proprietary or technical approaches such as, but not limited to, Flash or Asynchronous Javascript and XML (AJAX) then 1194.21. Software standards also apply to fulfill functional performance criteria.

8.9.2.3 36 CFR 1194.24 Video and Multimedia Products, applies to all video and multimedia products that are procured or developed under this work statement. Any video or multimedia presentation shall also comply with the software standards (1194.21) when the presentation is through the use of a Web or Software application interface having user controls available.

8.9.2.4 36 CFR 1194.25 Self Contained, Closed Products, applies to all EIT products such as printers, copiers, fax machines, kiosks, etc. that are procured or developed under this work statement.

8.9.2.5 36 CFR 1194.26 Desktop and Portable Computers, applies to all desktop and portable computers, including but not limited to laptops and personal data assistants (PDA) that are procured or developed under this work statement.

8.9.2.6 36 CFR 1194.31 Functional Performance Criteria, applies to all EIT deliverables regardless of delivery method. All EIT deliverable shall use technical standards, regardless of technology, to fulfill the functional performance criteria.

8.9.2.7 36 CFR 1194.41 Information Documentation and Support, applies to all documents, reports, as well as help and support services. To ensure that documents and reports fulfill the required 1194.31 Functional Performance Criteria, they shall comply with the technical standard associated with Web-based Intranet and Internet Information and Applications at a minimum. In addition, any help or support provided in this work statement that offer telephone support, such as, but not limited to, a help desk shall have the ability to transmit and receive messages using TTY.

#### 8.9.3 Section 508 Applicable Exceptions

8.9.3.1 Exceptions for this work statement have been determined by DHS and only the exceptions described herein may be applied. Any request for additional exceptions shall be sent to the COTR and determination will be made in accordance with DHS MD 4010.2. DHS has identified the following exceptions that may apply: 36 CFR 1194.3(b) Incidental to Contract, all EIT that is exclusively owned and used by the contractor to fulfill this work statement does not require compliance with Section 508. This exception does not apply to any EIT deliverable, service or item that will be used by any Federal employee(s) or member(s) of the public. This exception only applies to those contractors assigned to fulfill the obligations of this work statement and for the purposes of this requirement, are not considered members of the public.

8.9.3.2 DHS has reviewed this acquisition request and has determined that a Fundamental Alteration exception for the purposes of Section 508 applies and is thereby authorized. Fundamental Alteration Exception #4108 has been attached and included in the contract file.

#### 8.9.4. Section 508 Compliance Requirements

36 CFR 1194.2(b) (COTS/GOTS products), When procuring a product, each agency shall procure products which comply with the provisions in this part when such products are available in the commercial marketplace or when such products are developed in response to a Government solicitation. Agencies cannot claim a product as a whole is not commercially available because no product in the marketplace meets all the standards. If products are commercially available that meet some but not all of the standards, the agency must procure the product that best meets the standards. When applying this standard, all procurements of EIT shall have documentation of market research that identify a list of products or services that first meet the agency business needs, and from that list of products or services, an analysis that the selected product met more of the accessibility requirements than the non-selected products as required by FAR 39.2. Any selection of a product or service that meets less accessibility standards due to a significant difficulty or expense shall only be permitted under an undue burden claim and requires authorization from the DHS Office of Accessible Systems and Technology (OAST) in accordance with DHS MD 4010.2.

#### 8.10 Enterprise Architecture

All solutions and services shall meet DHS Enterprise Architecture policies, standards, and procedures. Specifically, the contractor shall comply with the following Homeland Security Enterprise Architecture (HLS EA) requirements:

- All developed solutions and requirements shall be compliant with the HLS EA.
- All IT hardware and/or software shall be compliant with the DHS EA Technical Reference Model (TRM) Standards and Products Profile.
- Description information for all data assets, information exchanges and data standards, whether adopted or developed, shall be submitted to the Enterprise Data Management Office (EDMO) for review and insertion into the DHS Data Reference Model and Enterprise Architecture Information Repository.
- In compliance with OMB mandates, all network hardware shall be IPv6 compatible without modification, upgrade, or replacement."

#### 8.11 Task E Deliverables

#	Deliverable	Due Date	Deliverable Recipient	Government Review
1	Major Version Upgrade	3 <sup>rd</sup> Quarter FY 2011	Task Order TM	30 Business Days
2	Three Proof-of-Concept releases	As agreed upon by TSA and Contractor	Task Order TM	30 Business Days
3	Minor Service Release	2 <sup>nd</sup> Quarter FY 2011	Task Order TM	20 Business Days
4	TRX Sim Documentation	Concurrent with each Major or Minor release	Task Order TM	10 Business Days
5	Four wrapped Altiris releases outside major or minor releases	As needed	Task Order TM	10 Business Days
6	Quarterly TRX Simulator Session Set (1 EID & 1 General Session per month) packaged for Altiris Delivery	60 Days prior to the beginning of each Quarter (April 1, 2011; June 1, 2011; September 1, 2011; January 2, 2012)	Task Order TM	10 Business Days
7	TRX Simulator (As-Is) Functional Requirements Document	120 days from date of award	Task Order TM	10 Business Days
8	TRX Simulator (updated) Functional Requirements Document	Concurrent with the kickoff of each software development effort	Task Order TM	10 Business Days
9	Requirements Tracability Matrix	Draft concurrent with the kickoff of each software development effort, Final concurrent with the kickoff of testing	Task Order TM	10 Business Days
10	TRX Simulator Requirements Repository	120 days from date of award	Task Order TM	15 Business Days
11	Test Plan (for each software release)	Draft 10 Business Days after approval of functional requirements (i.e.,	Task Order TM	10 Business Days



#	Deliverable	Due Date	Deliverable Recipient	Government Review
		CRF). Final at testing kickoff.		
12	Test Results (for each Test Plan)	10 Business Days from completion of testing.	Task Order TM	10 Business Days
13	Data Management Plan (DMP)	25 Business from award	Task Order TM	15 Business Days

## 8.12 Inspection and Acceptance Criteria

See Section 4.2

## 8.13. Task E Applicable Documents

Attachment O – “DHS Systems Engineering Lifecycle Functional Requirements Document”

## 9. Task F Threat Kit Program

### 9.1. Scope

9.1.1 TSA continually increases the overall quality of training to improve transportation security performance; OTT provides threat training kits and training aids that help to identify prohibited items, explosives, and other dangerous articles. The Office of Security Operations (OSO) uses threat tool kits at airports for the Aviation Screening Assessment Program (ASAP). The Office of Inspection (OI) conducts covert testing to identify vulnerabilities in transportation security systems. OI Teams uses training kits and non-kit items for in the performance of their security assessment and training duties. OHC uses Practical Skills Evaluation (PSE) kits to assess TSA PASS performance. In support of this effort, the contractor shall:

- 9.1.1.1 Update existing threat kits that help security officers to identify prohibited items, explosives, and other dangerous articles.
- 9.1.1.2 Develop or acquire threat devices and threat items.
- 9.1.1.3 Develop threat items.
- 9.1.1.4 Develop threat training aids.
- 9.1.1.5 Develop training manuals for kit usage and other appropriate documentation.
- 9.1.1.6 Develop, manufacture, and deliver training kits and training aids to TSA entities.
- 9.1.1.7 Maintain all training kits and training aids.

### 9.2. Threat Kit Program Support (CLIN 0019 FFP)

9.2.1. The contractor shall provide configuration management, property management, and part number management for all phases of the manufacture and maintenance of the training kits/aids as listed as GFE/GFP under Task Order 02 in Base Contract HSTS01-09-D-OSO900. Included with the kits/aid will be a printed document and CD containing instructions on how to use; and protocols for usage, security and control. Task F Attachments A through N Task F contains Kit description, components and contents for each kit described below:

- 9.2.1.1. Modular Bomb Set (MBS) 2 (Attachment A)
- 9.2.1.2. MBS 2A (Attachment B)
- 9.2.1.3. Improvised Explosive Device (IED) Baseline Training Kit A (Attachment C)

- 9.2.1.4. Liquid Explosives Training Kit (Attachment D)
- 9.2.1.5. Technical Support Working Group (TSWG) Explosives Training Kit (Attachment E)
- 9.2.1.6. IED Component Display Board (Attachment F)
- 9.2.1.7. Weapons Training Kit (Attachment G)
- 9.2.1.8. Thumbprint Quality Control (TQC) (Attachment H)
- 9.2.1.9. IED Accessory Kit (Attachment I)
- 9.2.1.10. Bottle Liquid Scanner (BLS) Training Kit (Attachment J)
- 9.2.1.11. Practical Skills Evaluation (PSE) Training Kit (Attachment K)
- 9.2.1.12. Walk Thru Metal Detector (WTMD) Calibration Test Pieces (Three Gun Kit) (Attachment L)
- 9.2.1.13. Generic IED Training Kit (Attachment M)
- 9.2.1.14. Generic Weapons Training Kit (Attachment N)

9.2.2. The contractor shall provide maintenance on training kits and materials.

<b>Kits requiring maintenance</b>	<b>Count**</b>
MBS II	(b)(4)
MBS IIA	
IED Baseline Training Kit A	
Weapons Training Kit	
Liquid Explosives Training Kit	
TSWG Explosives Training Kit	
IED Component Display Board	
TQC	
E-WTMD Test Pieces:	
DA	
BR	
NAA	
PSE	
BLS	
<b>** As of November 4, 2010</b>	

9.2.3 The contractor shall perform acquisition, development and maintenance of threat and non-threat items. In addition, the contractor shall provide failure analysis and parts life cycle analysis to increase the useful lifespan of kit parts.

9.2.4 The contractor shall manufacture chemically based explosive simulants to exact laboratory standards. The contractor shall submit chemically based simulants to the Transportation security Laboratory (TSL) for review and approvals by batch produced and then track that batch for field level shelf life and performance. The Government will provide batch approval within 10 business days from contractor submission.

9.2.5 The contractor shall be required to provide research and development services for explosive Simulants. In support of this effort, the contractor shall:

9.2.5.1. Conduct exploratory research to produce new knowledge and potential products; conceive, organize, promote, and execute ideas and plans to increase chemistry's role in and contribution to the discovery and chemical approaches to meet exploratory objectives in product discovery.

9.2.5.2. Provide Analysis with recommendations for a technically and economically sound basis for developing and evaluating new or improved products, synthetic methods, processes, and analytical and physical testing techniques.

9.2.6. The contractor shall provide explosives and threat development experts (i.e., Explosive Ordnance Disposal (EOD) technicians) and well versed threat / alarm object designers for creation of Improvised Explosive Devices (IEDs) in support of kit development and maintenance.

9.2.6.1. EOD technicians shall serve as principal technical contacts and subject matter experts for explosives, explosive material handling, IED design disarmament and concealment. EOD technicians shall be required to design, create, and handle IEDs and explosive materials in actual and simulated form; as well as design and catalog threat and bag items for systems scan and capture. As such, EOD technicians must be Certified and a graduate of either the Naval School EOD or FBI Sponsored Hazardous Devices School.

9.2.6.2. Threat Designers shall create threat and alarm items to be captured in imaging equipment to include Improvised Explosive Devices (IED), Weapons of Mass Destruction (WMD), false alarm objects, guns, knives, and other items prohibited on passenger aircraft. Designers shall design, create, and handle IEDs, explosive materials, guns, knives, hazardous materials, and other prohibited or threat items in actual and simulated form. They shall design and catalog threats, false alarms, common items, and bag items for systems scan and capture. They shall create true to form, functionally correct and functionally incorrect threat devices dependent upon TSA requirements. As such, designers must be BS or Certified and a graduate of either the Naval School EOD or FBI Sponsored Hazardous Devices School; or a graduate of military CBRN or city police sponsored schools/programs (4 years experience shall substitute for BS). Designers shall also be experienced with x-ray, EDS, ETD, WMTD, AIT or other trace or imaging transportation security equipment.

9.2.7. The contractor shall maintain and update the illustrated parts breakdown; and develop animated drawings of IED construction for the program. This activity shall require the contractor to:

9.2.7.1. Plan, layout, draw, and revise part, assembly, and installation engineering drawings from basic layouts, established references, notes and discussions with engineers, and standard data.

9.2.7.2. Utilize computer-aided design equipment and or manual tools.

9.2.7.3. Complete layout drawings prepared by others in accordance with standard engineering drafting practices; or develop complete major layouts of engineering drawings.

9.2.7.4. Prepare specifications for parts, assemblies, and installations.

9.2.7.5. Prepare complete production detail drawings.

9.2.7.6. Contribute design modifications to improve quality of product or facilitate manufacturing operations.

9.2.7.7. Develop 3D model for manufacturing data sheet, photographs, and physical equipment supplied.

9.2.8 The contractor shall procure or manufacture all required explosive and detonator simulants, IED device components, guns, knives, other threat and prohibitive articles, luggage (if required to support rapid response training aid), normal passenger clutter for the luggage (if required to support rapid response training aid), additional equipment/software and facility/support services that are required to meet requirements within the Statement of Work. In the event that an approved simulant is not available for a particular explosive, the contractor shall exert its best effort to produce or acquire a substance that shall faithfully appear as that item and alarm on the detection technology. Such items shall be x-rayed and human readable images provided to TSA for final approval. The contractor shall work with the TSL to obtain similar images of the actual substance being simulated to ensure an effective review is performed.

9.2.9 The contractor shall catalog and photograph the relevant characteristics of each threat and non threat item such as weight and type of explosive (b)(3):49 U.S.C. § 114(r)

(b)(3):49 U.S.C. § 114(r)	power source type	(b)(3):49 U.S.C. § 114(r)
(b)(3):49 U.S.C. § 114(r)	and container	(b)(3):49 U.S.C. § 114(r)
(b)(3):49 U.S.C. § 114(r)		

9.2.10. The contractor shall develop and deliver presentations (e.g. PowerPoint), training, and other materials, as well as the duplication, and distribution of these materials. TSA estimates two (2) presentations per month.

9.2.11 The contractor shall provide configuration management of all kits and training aids. The contractor shall provide a spreadsheet identifying each kit case by barcode and the part numbers or barcode of each item contained in that case upon kit development or delivery. The contractor shall provide this information to TSA Property Management for upload into the TSA property management system and insert a property transfer sheet into the case prior to shipping or via email after shipping with TSA approval.

9.2.11.1. Kit content items containing simulants and/or detonators shall be coded using TSA provided serial numbers and bar codes for the kit unit as well as individual component serial numbers. Kit component bar codes and serial numbers will be tied to the kit unit numbers in a parent/child relationship.

9.2.11.2. TSA part numbers shall be mapped to TSL part numbers, if necessary.

9.2.12. All changes to kit components require written TSA approval.

9.2.13 The contractor shall create /maintain kit usage training and documentation. The training and documentation shall describe the purpose of the kit, content description, and procedures for maintenance and repair; TSA guidance on kit usage or handling procedures; and Material Safety Data Sheets (MSDS) sheets approved by the TSA Office of Occupational Safety and Health. MSDS sheets will be provided by TSA and contained on the Manual CD. Each kit shall contain the following documents when shipped to user, unless otherwise specified in each Kit as described in Task F Attachments A through N:

9.2.13.1 Operational Directive OD-400-50-1-11, October 19, 2009, Procedures for use and Control of the IED and Weapons Training Kits (printed and CD). This document is SSI and will be provided under separate cover to contract Task Order Manager upon award.

9.2.13.2. Kit Operating Instruction Manual (print and CD)

9.2.13.3 Property Hand Receipts

9.2.13.4. Material Safety Data Sheets (MSDS) for simulants as required (CD)

9.2.14. The kits shall be provided in a lockable container (EXCEPTIONS; Kits 2.1.6; 2.1.8 and 2.1.12) similar to the containers presently used by TSA. Three or Four-digit combination locks shall be included in each kit. The containers shall be marked on the outside large white letters "Property of TSA" unless otherwise directed. A serial number sticker from the Sunflower inventory system shall be affixed to the outside of the container unless otherwise directed. All shipped cases shall contain a property transfer sheet and lock. All shipments and property transfer shall comply with TSA Management Directive No. 200.55 TSA Property in the Hands of a Contractor per Base Contract HSTS01-0-DOSO900.

9.2.15 The contractor shall provide maintenance support for threat identification kits and training aids, such as repair and replacement of parts.

9.2.15.1. The contractor shall provide website access to Training Managers and other approved system users to request replacement parts, maintenance actions, and/or additional kits.

9.2.15.2 The contractor shall track kit configuration and replacement requirements.

9.2.15.3. The contractor shall provide airports a return FedEx label for Kit replacements so the replaced/damaged kit can be returned to the contractor and retrofitted to the current configuration.

9.2.15.4. The contractor shall track mean time between failure and just in time sparing for those items as appropriate.

9.2.15.5 The contractor shall maintain full parts and component level inventories of kit and simulant parts items to the lowest level sub-component. Procurement of parts in support of kit maintenance shall be provided in a report on a monthly basis. Kit parts required for manufacture or suitable substitutes will require prior approval of the TSA Technical Monitor.

### 9.3 Kit Upgrades

#### **9.3.1 OPTION A -Upgrade TQC (CLIN 0020 FFP)**

9.3.1.1 The contractor shall provide a prototype of the proposed upgrade to the TQC kit. The following specifications apply:

9.3.1.1.1 A number of explosive simulants shall be developed that will cause a positive indication for all possible detection capabilities on the Explosive Trace Detection machines (ETD).

9.3.1.1.2 All simulants shall be produced in a clay like consistency similar to the present TQC simulant.

9.3.1.1.3 All simulants shall have a minimum two (2) year shelf-life extendable in one year increments by a simple operational test.

9.3.1.1.4 Each stimulant in the kit shall be packaged in a plastic container to hold approximately two (2) ounces of material.

9.3.1.1.5 Each container shall be marked with the date of manufacturer and expiration date.

9.3.1.2 The kit shall be packaged in a sturdy container to resist damage and inadvertent cross contamination between simulants or the contamination of other surfaces or items.

9.3.1.3 The contractor shall provide a training video covering the use, precautions, storage, decontamination and shelf-life extension procedures. The video shall be Security Sensitive Information.

9.3.1.4 The contractor shall provide the following documentation which shall be included with the kit:

9.3.1.4.1 TQC Operations Manual that covers the purpose of the kit, description of the components, operating instructions, contamination control and decontamination procedures..

9.3.1.4.2 Material Safety Data Sheet (MSDS) for the TQC material

9.3.1.4.3 Property Hand Receipts

9.3.1.5 Once approved by TSA, the contractor shall manufacture (b)(4) kits. The kits shall be stored and used to replace the present fielded kits as their shelf life expires.

9.3.2 **OPTION B** Upgrade MBS2A with addition of one (1) (b)(3):49 U.S.C. § 114(r) (CLIN 0021 FFP)

9.3.2.1 The contractor shall not be required to recall the kits for upgrade but simply provide the training aid and new pages for the manuals and direct the users to place them in the kit.

9.3.2.2 The contractor shall procure sufficient TSA approved (b)(3):49 U.S.C. § 114(r) training aids to add one each to all existing MBS IIA kits (approximately (b)(4) kits) as an addition to the pat-down training aids.

9.3.2.3 The contractor shall ship one (b)(3):49 U.S.C. § 114(r) to all locations having MBS IIA kits in sufficient quantity to provide one training aid per MBS IIA kit.

9.3.2.4 The contractor shall add the (b)(3):49 U.S.C. § 114(r) to all MBS IIA kit documentation, drawings and component lists as appropriate.

9.3.2.5 The contractor shall produce the update page for the MBS IIA Operations Manual and the Pat-Down training aids manual providing a description and showing proper use of the (b)(3):49 U.S.C. § 114(r) and include the updated pages with the distribution of the training aid. The updated pages shall be added to all future manuals and accompanying CDs.

9.3.2.6 The contractor shall assign and affix a Sunflower property sticker to the (b)(3):49 U.S.C. § 114(r) and add the item to the Lockheed maintained data base to reflect the parent child relationship between the (b)(3):49 U.S.C. § 114(r) and the MBS IIA kit.

9.3.3 **OPTION C** Upgrade Weapons Kit with the addition of two (2) (b)(3):49 U.S.C. § 114(r) (CLIN 0022 (b)(3):49 U.S.C. § 114(r) FFP)

9.3.3.1 The contractor shall not be required to recall the existing Weapons kits for the upgrade; but shall simply provide the training aids and new pages for the manual and direct the users to place them in the existing kit.

9.3.3.2 The contractor shall submit to TSA for approval a variety of (b)(3):49 U.S.C. § 114(r) (that are (b)(3):49 U.S.C. § 114(r) available to the general public) for consideration. Two general types of (b)(3):49 U.S.C. § 114(r) shall be (b)(3):49 U.S.C. § 114(r) evaluated:

9.3.3.2.1

(b)(3):49 U.S.C. § 114(r)

9.3.3.2.2

(b)(3):49 U.S.C. § 114(r) 9.3.3.3 Once approved by TSA, the contractor shall procure sufficient quantities of the two (2) approved [redacted] to add one of each type to all existing Weapons Training Kits (approximately 1,000 kits).

9.3.3.4 As preparation for addition to all Weapons Training kits, the [redacted] shall be rendered inoperable by [redacted] connection or other suitable means. (b)(3):49 U.S.C. § 114(r)

(b)(3):49 U.S.C. § 114(r) 9.3.3.5 The contractor shall ship one (1) each of the two (2) approved inoperable [redacted] to all locations having Weapons Training kits in sufficient quantity to provide one (1) each of the two (2) [redacted] per Weapons Training kit. (b)(3):49 U.S.C. § 114(r)

(b)(3):49 U.S.C. § 114(r) 9.3.3.6 The contractor shall add the [redacted] to all Weapons Training kit documentation, drawings and component lists as appropriate.

9.3.3.7 The contractor shall produce the update pages for the Weapons Training Kit Operations Manual providing a description and showing proper use of the [redacted] and include the updated pages with the distribution of the [redacted]. The updated pages to be added to all future manuals and accompanying CDs. (b)(3):49 U.S.C. § 114(r)

(b)(3):49 U.S.C. § 114(r) 9.3.3.8 The contractor shall assign and affix a Sunflower property sticker to the [redacted] and add the item to the contractor maintained data base to reflect the parent child relationship between the [redacted] and the MBS IIA kit. (b)(3):49 U.S.C. § 114(r)

(b)(3):49 U.S.C. § 114(r) 9.3.3.9 The contractor shall provide the TSA Property Management Office with a list of the [redacted] with Sunflower property numbers to be included in the TSA Sunflower inventory system.

9.3.4 **OPTION D** Procure or produce (b)(3):49 U.S.C. § 114(r) additional WTMD Calibration Test Kits (CLIN 0023 FFP).

9.3.4.1 The contractor shall procure or manufacturer, whichever is most cost effective to the government (b)(3):49 U.S.C. § 114(r) WTMD Calibration test kits.

9.3.4.2 Each kit shall consist of three calibration test pieces, each piece incased in [redacted] (b)(3):49 U.S.C. § 114(r)

9.3.4.3 Each encased test piece shall be marked with (b)(3):49 U.S.C. § 114(r) and two letter designation for the test piece encased. See attachment L of this document for illustration.

9.3.4.4 The authorized test pieces with their two letter designations are:

9.3.4.4.1 DA

9.3.4.4.2 BR

9.3.4.4.3 NAA

(b)(3):49 U.S.C. § 114(r)

9.3.4.5 The WTMD calibration test kits shall be maintained in a spares status until directed for shipment by TSA

9.3.4.6 The contractor shall assign and affix a Sunflower property sticker to the individual calibration test pieces and add them to the contractor maintained data base.

9.3.4.7 The contractor shall provide the TSA Property Management Office with a list of the calibration test pieces with Sunflower property numbers to be included in the TSA Sunflower inventory system.

9.3.5 **OPTION E** Procure (b)(4) replacement Duffle Bags for the Practical Skills Evaluation (PSE) Kits (CLIN 0024 FFP).

9.3.5.1 The contractor shall procure (b)(4) replacement duffle bags, component # OTT-PSE-C-0008A for the PSE Kit. The PSE Kit consists of two boxes and has an identical duffle bag in each box, 2 per kit.

9.3.5.2 The contractor shall purchase the duffle bags to allow total kit inventory replacement, (approximately (b)(4) units), during the 2012 PSE kit rebuild.

#### 9.4. Threat Prototyping (T&M CLIN 0025)

**NOTE:** IED Accessory Kit prototyping activity will be conducted under FFP CLIN 0019 in Section 5 requirements.

9.4.1 The contractor shall be required to provide prototypes of threat and non threat items. (TSA estimates five (5) per Period of Performance).

9.4.2 Prototype threat and non threat items shall be submitted to the TSA program manager for review and approval before field distribution.

9.4.3 If any items are rejected, the contractor shall perform follow-up work to develop replacement images that conform to the general specifications of the rejected item(s), correcting any identified deficiencies in the process.

#### 9.5. IED Accessory Kit Program (CLIN 0019 FFP)

9.5.1 The contractor shall support the Transportation Security Specialist – Explosives (TSS-E), formally Bomb Appraisal Officer (BAO), program for local fabrications of IED Accessory Training Kits that contain new explosive simulants, IEDs and IED components to augment the existing IED training kits that are used for TSO training.

9.5.2 The contractor shall provide each member of the IED design group with an LM VPN account and GFE laptop and air card to support remote design activities using the LM network not to exceed a total of one (1) for TSA HQ and five (5) sets for field use.

9.5.3. The contractor shall be required to design and prototype a new IED accessory kit every quarter; for a total of four (4) designs per year.

9.5.4 In addition to 5.3 above, the contractor shall supply, on an annual basis, the TSS-Es at the hubs (approximately 130 airports) with explosive simulants and IED components to preposition airport on site stock to support IED Accessory Kit construction.

9.5.5. The contractor shall participate as an active member of the TSA IED Accessory Kit Design Team for the design and fabrication of accessory kits.

9.5.6. The contractor shall support IED accessory kit rapid response activities within 72 hours when OTT determines an emerging threat warrants action. **NOTE:** CLIN 005 T&M activity priced Under Task A.

9.5.7. The contractor shall conduct up to two (2) annual live rapid response exercises.

9.5.8 The contractor shall provide IED Accessory Kits for hub airports (not to exceed five (5) hubs) that do not have TSS-E support.

9.5.9 The contractor shall provide the TSS-Es at the hub airports, approximately 130 airports, with IED simulants and components to build approximately (b)(4) IED Accessory Kits quarterly.



9.5.10 The contractor shall provide to TSA for approval, a list of IED components and related materials to be shipped to the TSS-Es at the hub airports, approximately 130 airports, as an annual shipment to augment existing supplies in support of the IED Accessory Kit program. Upon TSA approval, the contractor shall procure/manufacture the agreed upon items and ship them to the TSS-Es at the hub airports.

9.6. Task F – Deliverables

#	Deliverable	Due Date	TSA Recipient	Government Review
1	Monthly Procurement Report for Kits	5 business days after month close	Task F TM Task A TM	5 business days
2	Threat and non Threat Prototypes (CLIN 0025 T&M))	per Technical Direction from TSA	Task F TM	10 business days
3a	IED Accessory Kit Components shipped to TSS-E at Hubs	4/30/2011	Lead TSS-E at Airport Hubs	2 business days after acceptance at Airport
3b	IED Accessory Kit Components shipped to TSS-E at Hubs	7/31/2011	Lead TSS-E at Airport Hubs	2 business days after acceptance at Airport
3c	IED Accessory Kit Components shipped to TSS-E at Hubs	10/31/2011	Lead TSS-E at Airport Hubs	2 business days after acceptance at Airport
3d	IED Accessory Kit Components shipped to TSS-E at Hubs	01/31/2012,	Lead TSS-E at Airport Hubs	2 business days after acceptance at Airport
4	Thumbprint Quality Control (TQC) Upgrade Prototype <b>OPTION A</b>	2/25/2011	Task F TM	10 business days
5	Thumbprint Quality Control (TQC) Upgrade, Begin Field Distribution <b>OPTION A</b>	8/31/2011	Airport POC for IED and Weapons Training kits	2 business days after acceptance at Airport
6	(b)(3):49 U.S.C. § 114(r) Begin Field Distribution <b>OPTION B</b>	3/31/2011	Airport POC for IED and Weapons Training kits	2 business days after acceptance at Airport

03/15/2011

Attachment Q

(b)(3):49 U.S.C. § 114(r)	7 Weapons Training Kit Upgrade [redacted] deliver 2 prototypes <b>OPTION C</b>	3/31/2011	Task F TM	10 Business Days
(b)(3):49 U.S.C. § 114(r)	8 Weapons Training Kit Upgrade [redacted] Begin Field Distribution <b>OPTION C</b>	9/16/2011	Airport POC for IED and Weapons Training kits	2 business days after acceptance at Airport
	9 E-WTMD Calibration Test Kit [redacted] deliver prototypes <b>OPTION D</b>	4/15/2011	Task F TM	10 Business Days
	10 E-WTMD Calibration Test Kit [redacted] Begin Distribution <b>OPTION D</b>	10/14/2011	Airport POC for E-WTMD Calibration Test Kit	2 business days after acceptance at Airport
	11 PSE Kit Replacement Component # OTT-PSE-C-0008A, Duffle Bag, deliver prototype <b>OPTION E</b>	4/1/2011	Task F TM	10 Business Days
	12 PSE Kit Replacement Component # OTT-PSE-C-0008A, Duffle Bag, begin kit upgrade <b>OPTION E</b>	8/1/2011	LMSC Oklahoma City	60 Days to complete upgrade
	13 Spreadsheet with Kit Type and TSA Property Serial Number .	As required to update Sunflower Inventory.	TSA HQ Property Management Office (Sunflower) and Task F TM	
	14 Proposed list of IED Components and Related Materials for Annual Shipment to the Hub Airports	9/1/2011	Task F TM	10 Business Days
	15 Shipment of IED Components and related Materials	11/15/2011	TSS-E Leads at Hub Airports	2 business days after acceptance at Airport

#### 9.7. Inspection and Acceptance Criteria

See Section 4.2

#### 9.8. Task F Applicable Documents

Attachment A - Modular Bomb Set (MBS) 2.

Attachment B - MBS 2A

Attachment C - Improvised Explosive Device (IED) Baseline Training Kit A

Attachment D - Liquid Explosives Training Kit (

Attachment E - Technical Support Working Group (TSWG) Explosives Training Kit

Attachment F - IED Component Display Board

Attachment G - Weapons Training Kit

Attachment H - Thumbprint Quality Control (TQC)

Attachment I - IED Accessory Kit

Attachment J - Bottle Liquid Scanner (BLS) Training Kit

Attachment K - Practical Skills Evaluation (PSE) Training Kit

Attachment L - Walk Thru Metal Detector (WTMD) Calibration Test Pieces

(b)(3); 49 U.S.C. §  
114(r)

Attachment M - Generic IED Training Kit

Attachment N - Generic Weapons Training Kit

## **10.TSA Contacts:**

### 10.1 TSA Contracting Officer

Marvin Grubbs  
Transportation Security Administration  
Office of Technical Training, Training Support Division  
601 South 12th Street, 2nd Floor, West Building  
Arlington, VA 20598

(b)(6)

### 10.2 TSA Contracting Specialist

(b)(6)

Transportation Security Administration  
Office of Technical Training, Training Support Division  
601 South 12th Street, 2nd Floor, East Building  
Arlington, VA 20598

(b)(6)

### 10.3 TSA Contracting Officer's Technical Representative

(b)(6)

Transportation Security Administration  
Office of Technical Training  
601 South 12th Street, 2nd Floor, East Building  
Arlington, VA 20598

(b)(6)

10.4 TSA Task A Technical Monitor

(b)(6)

Transportation Security Administration  
601 South 12th St  
TSA/OSO/OTT  
Arlington, VA 20598

(b)(6) (office)

(703) 603-0825 (fax)

(b)(6)

10.5. TSA Task B Technical Monitor

(b)(6)

Transportation Security Administration  
701 South 12th Street  
Arlington, VA 20598

(b)(6) (office)

(b)(6)

10.6. TSA Task C and D Technical Monitor

(b)(6)

Transportation Security Administration  
601 South 12th St HQE2-111S  
TSA/OSO/OTT  
Arlington, VA 20598

(b)(6) (office)

(703) 603-0825 (fax)

(b)(6)

10.7. TSA Task E Technical Monitor

(b)(6)

Transportation Security Administration TSA-29  
601 South 12th Street HQE2-107S  
TSA/OSO/OOP/OTT,  
Arlington, VA 20598

(b)(6) (office)

(703) 603-0825 (fax)

(b)(6)

10.8. TSA Task F Technical Monitor

(b)(6)

Transportation Security Administration TSA-29  
601 South 12th Street HQE2-125S  
TSA/OSO/OOP/OTT,  
Arlington, VA 20598

(b)(6) (office)

(703) 603-0825 (fax)

(b)(6)

**(End of Section C)**

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. P00002		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. None	
5. PROJECT NO. (If applicable)		6. ISSUED BY Office of Acquisition 701 S 12TH STREET ARLINGTON VA 20598		7. ADMINISTERED BY (If other than Item 6) Human Capital & Finance 701 S 12TH STREET ARLINGTON VA 20598	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Lockheed Martin Services Incorporated Attn: (b)(6) 700 N Frederick Ave Gaithersburg MD 208793328		9A. AMENDMENT OF SOLICITATION NO.		9B. DATED (SEE ITEM 11)	
9C. DATED (SEE ITEM 11)		10A. MODIFICATION OF CONTRACT/ORDER NO. HSTS01-09-E-OSO900 HSTS01-11-J-OCO015		10B. DATED (SEE ITEM 13) 01/31/2011	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS		12. ACCOUNTING AND APPROPRIATION DATA (If required) See Schedule		13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.	

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not ☒ is required to sign this document and return \_\_\_\_\_ 1 \_\_\_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

Tax ID Number: 52-1813509

DUNS Number: 805258373

Task Order 12

The purpose of this modification is to make an administrative change to the Statement of Work. Section 4, paragraph 4.4.5 is hereby changed to the following:

4.4.5 The contractor facilities in Egg Harbor, NJ - Subcontractor and Crystal City, VA shall procure and maintain security and classified storage containers/cabinets to securely house materials rating a minimum classification of sensitive security information (SSI) up to SECRET and firearms.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) (b)(6) Senior Contracts Negotiator		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Marvin Grubbs	
15B. CONTRACTOR/OFFEROR (b)(6)		16B. UNITED STATES OF AMERICA	
15C. DATE SIGNED 3/28/2011		16C. DATE SIGNED 3/28/2011	

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STANDARD FORM 30 (REV. 10-83)  
Prescribed by GSA  
FAR (48 CFR) 53.243

## CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

HSTSC1-09-D-OSC900/HSTSC1-11-J-OOP015/PC0002

PAGE

OF

2

2

NAME OF OFFEROR OR CONTRACTOR

Lockheed Martin Services Incorporated

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	All other terms and conditions remain unchanged.  Payment: US Coast Guard Financial Center TSA Commercial Invoices P.O. Box 4111 Chesapeake VA 23327-4111 Period of Performance: 02/01/2011 to 01/31/2012				

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. P00003		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. None	
5. PROJECT NO. (If applicable)		6. ISSUED BY Office of Acquisition 701 S 12TH STREET ARLINGTON VA 20598		7. ADMINISTERED BY (If other than Item 6) Human Capital & Finance 701 S 12TH STREET ARLINGTON VA 20598	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Lockheed Martin Services Incorporated Attn: (b)(6) 700 N Frederick Ave Gaithersburg MD 208793328		9A. AMENDMENT OF SOLICITATION NO.		9B. DATED (SEE ITEM 11)	
10A. MODIFICATION OF CONTRACT/ORDER NO. HSTS01-09-D-080900 HSTS01-11-J-00P015		10B. DATED (SEE ITEM 13) 01/31/2011		11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS	

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.  
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO. (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF.
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

Tax ID Number: 52-1813509

DUNS Number: 805258373

Task Order 12

The purpose of this modification is to incorporate the following statement into the task order:

The following facility address is registered under DUNS Number 805258373, which was used to award this contract.

Lockheed Martin Services, Inc.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		15A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Marvin Grubbs	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	15B. UNITED STATES OF AMERICA (Signature of Contracting Officer)	15C. DATE SIGNED 3/29/2011



## CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

HSTS01-09-D-OSO900/HSTS01-11-J-OOP015/PC00003

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NAME OF OFFEROR OR CONTRACTOR

Lockheed Martin Services Incorporated

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	2339 Route 70 West, Floor 3W Cherry Hill, NJ 08002-315  All other terms and conditions remain unchanged.  Payment: US Coast Guard Financial Center TSA Commercial Invoices P.O. Box 4111 Chesapeake VA 23327-4111 Period of Performance: 02/01/2011 to 01/31/2012				

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. P00004		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. None	
5. PROJECT NO. (If applicable)		6. ISSUED BY Office of Acquisition 701 S 12TH STREET ARLINGTON VA 20598		7. ADMINISTERED BY (If other than Item 6) Human Capital & Finance 701 S 12TH STREET ARLINGTON VA 20598	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Lockheed Martin Services Incorporated Attn: (b)(6) 700 N Frederick Ave Gaithersburg MD 208793328		9A. AMENDMENT OF SOLICITATION NO. (X)		9B. DATED (SEE ITEM 11)	
CODE 805258373		FACILITY CODE		10A. MODIFICATION OF CONTRACT/ORDER NO. HSTSC1-09-D-OSC900 HSTSC1-11-J-OOP015 10B. DATED (SEE ITEM 13) 01/31/2011	

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.  
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
See Schedule Net Decrease: -\$ .01

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not ☐ is required to sign this document and return 1 copies to the issuing office

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

Tax ID Number: 52-1813509  
DUNS Number: 805258373  
Task Order 12

The purpose of this modification is to:

1. Decobligate \$0.01 from CLIN 0002. Therefore funding for CLIN 0002 is hereby decreased from \$1,494,251.48 by \$0.01 to \$1,494,251.47.

2. Incorporate the approved DD254 into this task order. Attachment R - Approved DD254 - HSTSC1-11-J-OOP015 (Mar 2011).

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) (b)(6) Senior Contracts Negotiator		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Marvin Grubbs	
15B. CONTRACT/ORDER NO. (b)(6)		16B. UNITED STATES OF AMERICA	
15C. DATE SIGNED 04/26/2011		16C. DATE SIGNED 4/26/2011	

NSN 7540-01-152-8070  
Previous edition unusable

Working Copy

STANDARD FORM 30 (REV. 10-83)  
Prescribed by GSA  
FAR (48 CFR) 53.243

## CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

HSTSC1-09-D-OSC900/HSTSC1-11-J-OOP015/PC0004

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NAME OF OFFEROR OR CONTRACTOR

Lockheed Martin Services Incorporated

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Overall, funding in the amount of \$0.01 is deobligated from this task order. Therefore, funding is reduced from \$15,718,818.14 by \$0.01 to \$15,718,818.13. All other terms and conditions remain unchanged.</p> <p>Attachment R - Approved DD254 - HSTSC1-11-J-OOP015 (Mar 2011).</p> <p>Discount Terms: Net 30</p> <p>Payment: JS Coast Guard Financial Center TSA Commercial Invoices P.O. Box 4111 Chesapeake VA 23327-4111</p> <p>Accounting Info: 5AV112AC00D2011SWF02CTR1001250059005900TT-59070000 00000000-2521-TSA DIRECT-DEF. TASK-D FCB: Destination Period of Performance: 02/01/2011 to 01/31/2012</p> <p>Change Item 00002 to read as follows (amount shown is the obligated amount):</p>				
00002	CLIN 0002 - ODC Reimbursable - NTE Other Direct Costs (ODCs)	1	CB	1,362,542.54	-.01

# DEPARTMENT OF DEFENSE CONTRACT SECURITY CLASSIFICATION SPECIFICATION

*(The requirements of the DoD Industrial Security Manual apply to all security aspects of this effort.)*

## 1. CLEARANCE AND SAFEGUARDING

a. FACILITY CLEARANCE REQUIRED

**TOP SECRET**

b. LEVEL OF SAFEGUARDING REQUIRED

**SECRET**

## 2. THIS SPECIFICATION IS FOR: (X and complete as applicable)

<b>X</b>	a. PRIME CONTRACT NUMBER	HSTS01-09-D-OSO900 HSTS01-11-J-OOP015
	b. SUBCONTRACT NUMBER	
	c. SOLICITATION OR OTHER NUMBER=	Due Date (YYYYMMDD)

## 3. THIS SPECIFICATION IS: (X and complete as applicable)

<b>X</b>	a. ORIGINAL (Complete date in all cases)	Date (YYYYMMDD) <b>20110330</b>
	b. REVISED (Supersedes all previous specs)	Revision No. Date (YYYYMMDD)
	c. FINAL (Complete item 5 in all cases)	Date (YYYYMMDD)

4. IS THIS A FOLLOW-ON CONTRACT? ☐ YES ☒ NO. If Yes, complete the following:

Classified material received or generated under \_\_\_\_\_ (Preceding Contract Number) is transferred to this follow-on contract.

5. IS THIS A FINAL DD FORM 254? ☐ YES ☒ NO. If Yes, complete the following:

In Response to the contractor's request dated \_\_\_\_\_, retention of the identified classified material is authorized for the period of \_\_\_\_\_.

## 6. CONTRACTOR (Include Commercial and Government Entity (CAGE) Code)

a. NAME, ADDRESS, AND ZIP CODE <b>LOCKHEED MARTIN SERVICES, INC. 2339 ROUTE 70 WEST CHERRY HILL, NJ 08002-3315</b>	b. CAGE CODE <b>77609</b>	c. COGNIZANT SECURITY OFFICE (Name, Address, and Zip Code) <b>DEFENSE SECURITY SERVICE Atrium 1 1000 Atrium Way, Suite 310 Mt Laurel, NJ 08054-3906</b>
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## 7. SUBCONTRACTOR

a. NAME, ADDRESS, AND ZIP CODE	b. CAGE CODE	c. COGNIZANT SECURITY OFFICE (Name, Address, and Zip Code)
--------------------------------	--------------	--

## 8. ACTUAL PERFORMANCE

a. NAME, ADDRESS, AND ZIP CODE <b>Department of Homeland Security (DHS) Transportation Security Administration (TSA) various DHS locations within the greater Washington, DC metropolitan area (See Item 13).</b>	b. CAGE CODE	c. COGNIZANT SECURITY OFFICE (Name, Address, and Zip Code)
--	--------------	--

## 9. GENERAL IDENTIFICATION OF THE PROCUREMENT

**(U) TO PROVIDE A BROAD RANGE OF SERVICES TO ASSIST AND SUPPORT THE DEPARTMENT OF HOMELAND SECURITY (DHS) TRANSPORTATION SECURITY ADMINISTRATION (TSA).**

10. THIS CONTRACT WILL REQUIRE ACCESS TO:	YES	NO	11. IN PERFORMING THIS CONTRACT, THE CONTRACTOR WILL:	YES	NO
a. COMMUNICATIONS SECURITY (COMSEC) INFORMATION		X	a. HAVE ACCESS TO CLASSIFIED INFORMATION ONLY AT ANOTHER CONTRACTOR'S FACILITY OR A GOVERNMENT ACTIVITY		X
b. RESTRICTED DATA		X	b. RECEIVE CLASSIFIED DOCUMENTS ONLY		X
c. CRITICAL NUCLEAR WEAPON DESIGN INFORMATION		X	c. RECEIVE AND GENERATE CLASSIFIED MATERIAL	X	
d. FORMERLY RESTRICTED DATA		X	d. FABRICATE, MODIFY, OR STORE CLASSIFIED HARDWARE	X	
e. INTELLIGENCE INFORMATION:			e. PERFORM SERVICES ONLY		X
(1) Sensitive Compartmented Information (SCI)		X	f. HAVE ACCESS TO U.S. CLASSIFIED INFORMATION OUTSIDE THE U.S., PUERTO RICO, U.S. POSSESSIONS AND TRUST TERRITORIES		X
(2) Non-SCI		X	g. BE AUTHORIZED TO USE THE SERVICES OF DEFENSE TECHNICAL INFORMATION CENTER (DTIC) OR OTHER SECONDARY DISTRIBUTION CENTER		X
f. SPECIAL ACCESS INFORMATION		X	h. REQUIRE A COMSEC ACCOUNT		X
g. NATO INFORMATION		X	i. HAVE TEMPEST REQUIREMENTS		X
h. FOREIGN GOVERNMENT INFORMATION		X	j. HAVE OPERATIONS SECURITY (OPSEC) REQUIREMENTS		X
i. LIMITED DISSEMINATION INFORMATION		X	k. BE AUTHORIZED TO USE THE DEFENSE COURIER SERVICE		X
j. FOR OFFICIAL USE ONLY INFORMATION	X		l. OTHER (Specify) See Block #13.		X
k. OTHER (Specify)		X			

**12. PUBLIC RELEASE.** Any information (classified or unclassified) pertaining to this contract shall not be released for public dissemination except as provided by the Industrial Security Manual or unless it has been approved for public release by appropriate U.S. Government authority. Proposed public releases shall be submitted for approval prior to release



Direct



Through (Specify):

**NONE AUTHORIZED**

**UNLESS CONTRACTOR HAS OBTAINED AUTHORITY TO RELEASE FROM THE DEPARTMENT OF HOMELAND SECURITY: CONTRACTOR SHALL COORDINATE WITH THE COTR AND THE OFFICE OF SECURITY (ASD) 202-447-5347 ON ALL CHANGES TO THIS GUIDANCE** to the Directorate for Freedom of Information and Security Review, Office of the Assistant Secretary of Defense (Public Affairs)\* for review. In the case of non-DoD User Agencies, requests for disclosure shall be submitted to that agency.

**13. Security Guidance.** The security classification guidance needed for this classified effort is identified below. If any difficulty is encountered in applying this guidance or if any other contributing factor indicates a need for changes in this guidance, the contractor is authorized and encouraged to provide recommended changes: to challenge the guidance or the classification assigned to any information or material furnished or generated under this contract; and to submit any questions for interpretation of this guidance to the official identified below. Pending final decision, the information involved shall be handled and protected at the highest level of classification assigned or recommended. (Fill in as appropriate for the classified effort. Attach, or forward under separate correspondence, any documents/guides/extracts referenced herein. Add additional pages as needed to provide complete guidance.)

**Reference Item 8a:** Lockheed Martin Services, Inc, 1800 South Bell Street, Suite 110, Arlington, VA 22202

**CSO:** Defense Security Service, 241 18th Street Suite 100-A, Arlington, VA 22202

Lockheed Martin Corporation, Maritime Systems & Sensors, 199 Borton Landing Road, Moorestown, NJ 08057 **CSO:** Defense Security Service, Atrium 1 1000 Atrium Way, Suite 310, Mt. Laurel, NJ 08054

**Reference Item 10j:** "Contractors shall control and safeguard FOUO in accordance with DHS Directive (MD 11042.1) "Safeguarding Sensitive but Unclassified (For Official Use Only) Information," dated Jan 6, 2005. DHS contractors must sign a special Non-Disclosure Agreement before receiving access to FOUO information. Contractors with questions on handling DHS FOUO shall contact DHS OS ASD at (202) 447-5341."

**Reference Item 11c & d:** The contractor shall derivatively classify newly created information associated with this effort based on the classification guidance provided through existing classified sources. All classified information shall be marked in accordance with the NISPOM. The ISOO Pamphlet on "Marking Classified National Security Information dated December 2010" may be used as a guide on the proper marking of classified information. Questions relating to Marking Classified National Security Information can be addressed to DHS Office of Security Administrative Security Division, at telephone (202) 447-5341

**14. ADDITIONAL SECURITY REQUIREMENTS.** Requirements identify the pertinent contracted clauses in the contract document itself, or provide an appropriate statement which identifies the additional requirements. Provide a copy of the requirements to the cognizant security office. Use Item 13 if additional space is needed.)

Yes

☒

No

**15. INSPECTIONS.** Elements of this contract are outside the inspection responsibility of the cognizant security office. (If Yes, explain and identify specific areas or elements carved out and the activity responsible for inspections. Use Item 13 if additional space is needed.)

Yes

☒

No

**16. CERTIFICATION AND SIGNATURE.** Security requirements stated herein are complete and adequate for safeguarding the classified information to be released or generated under this classified effort. All questions shall be referred to the official named below.

a. TYPED NAME OF CERTIFYING OFFICIAL

**CHRISTAL FULTON**

(b)(6)

b. TITLE

**Chief, Industrial Security Program  
Branch**

c. TELEPHONE (Include Area Code)

(b)(6)

d. ADDRESS (Include Zip Code)

**Department of Homeland Security  
301 7<sup>th</sup> & D Street S.W.  
Washington D.C. 20528**

e. SIGNATURE

*Christal Fulton*

3/30/2011

**17. REQUIRED DISTRIBUTION**

☒

a. CONTRACTOR

☐

b. SUBCONTRACTOR

☒

c. COGNIZANT SECURITY OFFICE FOR PRIME AND SUBCONTRACTOR

☐

d. U.S. ACTIVITY RESPONSIBLE FOR OVERSEAS SECURITY ADMINISTRATION

☒

e. ADMINISTRATIVE CONTRACTING OFFICER

☒

f. OTHERS AS NECESSARY

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE		PAGE OF PAGES 1 13	
2. AMENDMENT/MODIFICATION NO. P00005		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. 211120100P062	
5. PROJECT NO. (If applicable)		6. ISSUED BY Office of Acquisition 701 S 12TH STREET ARLINGTON VA 20598		7. ADMINISTERED BY (If other than Item 6) Human Capital & Finance 701 S 12TH STREET ARLINGTON VA 20598	
8. NAME AND ADDRESS OF CONTRACTOR (No, street, county, State and ZIP Code) Lockheed Martin Services Incorporated Attn: (b)(6) 700 N Frederick Ave Gaithersburg MD 208783328		9A. AMENDMENT OF SOLICITATION NO. (X)		9B. DATED (SEE ITEM 11)	
CODE 805258373		FACILITY CODE		10A. MODIFICATION OF CONTRACT/ORDER NO. HSTS01-09-D-030900 HSTS01-11-J 00P015	
				10B. DATED (SEE ITEM 13) 01/31/2011	

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.  
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
See Schedule Net Increase: \$11,315,148.75

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: FAR 52.212-4 Contract Terms and Conditions - Commercial Items (Oct 2003) paragraph (c)
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not ☒ is required to sign this document and return \_\_\_\_\_ 1 \_\_\_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

Tax ID Number: 52-1813509

DUNS Number: 805258373

Task Order 12

PRs used on this modification: 211120100P062, 2111201HRM150, 211120100P055, 211120100P073

The purpose of this modification is to:

1. Exercise CLIN 0001A - Task A - Global Requirements for All Tasks within the Statement of Work (SOW).

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) (b)(6) Senior Contracts Negotiator		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Marvin Grubbs	
15B. CONTRACTOR/OFFEROR (b)(6)		16B. UNITED STATES OF AMERICA	
15C. DATE SIGNED 6/6/2011		16C. DATE SIGNED 6/6/2011	

## CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

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NAME OF OFFEROR OR CONTRACTOR

Lockheed Martin Services Incorporated

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>2. Exercise CLIN 0011A &amp; Task C &amp; Image Development: Ad-hoc Image Development.</p> <p>3. Exercise CLIN 0017A - Task E - Image Simulator Support.</p> <p>4. Exercise CLIN 0021 - Task F - Threat Kit Program: Option B.</p> <p>5. Exercise CLIN 0022 - Task F - Threat Kit Program: Option C.</p> <p>6. Add supplemental work to this Task Order for PSE Kit Wheelchairs, which is within the scope, as stated within Attachment C - HSTS01-11-J-OOP015 (TO12) - PSE Kit Wheelchair.</p> <p>7. Add funding in the amount of (b)(4) to CLIN 0019 for labor to support the PSE Kit Wheelchairs supplemental work as stated in Attachment C.</p> <p>8. Add funding in the amount of \$38,923.91 to CLIN 0002 for ODCs to support the PSE Kit Wheelchairs supplemental work as stated in Attachment C.</p> <p>9. Modify the deliverable dates of paragraph 6.7 Task C Test Distribution.</p> <p>10. Add funding in the amount of \$3,520,211.93 to CLIN 0002 to fund ODCs that were previously evaluated and accepted.</p> <p>11. Add funding in the amount of \$437,652.00 to CLIN 0003 to fund travel that was previously evaluated and accepted.</p> <p>12. Update Section B.1.</p> <p>Overall, funding in the amount of \$11,315,148.75 is being added to this task order. Therefore, funding is increased from \$15,718,818.13 by \$11,315,148.75 to \$27,033,966.88. All other terms and conditions remain unchanged.</p> <p>Attachment C - HSTS01-11-J-OOP015 (TO12) - PSE Kit Wheelchair</p> <p>Continued ...</p>				

## CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

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NAME OF OFFEROR OR CONTRACTOR

Lockheed Martin Services Incorporated

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Discount Terms: Net 30 Payment: US Coast Guard Financial Center TSA Commercial Invoices P.O. Box 4111 Chesapeake VA 23327-4111 POB: Destination Period of Performance: 02/01/2011 to 01/31/2012  Change Item 00001A to read as follows (amount shown is the obligated amount):				
00001A	CLIN 0001A - FFP - Task A -Global Requirements for All Tasks within the Statement of Work (SOW): Project Management Quality Assurance GFE/GFI/GFP Management Security Requirements Tier 1 and 2 Help Desk and Field Support Tier 3 and 4 Help Desk Support Threat and Image Support SME Support PCP - July 1, 2011 - January 31, 2012  Accounting Info: 5AV112AC00D2011SWE02CTR100125005900590OTT-59070000 00000000-2521-TSA DIRECT-DEF. TASK-D Funded: (b)(4)  Add Item 00001ASUB1 as follows:	1	JB	(b)(4)	
00001ASUB1	Additional funding for CLIN 0001A from different line of accounting. PCP - July 1, 2011 - January 31, 2012  Accounting Info: 5AV101AC00D2011SWE02CTR101125006300630HRM-63150004 00000000-2510-TSA DIRECT-DEF. TASK-D Funded: (b)(4)  Add Item 00002SUB4 as follows:	1	JB	(b)(4)	
00002SUB4	Additional funding for CLIN 0002 from different line of accounting.  Accounting Info: 5AV112AC00D2011SWE02GEC000025005900590PSF-59070000 00000000-252R-TSA DIRECT-DEF. TASK-D Continued ...	1	JB	89,827.20	89,827.20



<b>CONTINUATION SHEET</b>	REFERENCE NO. OF DOCUMENT BEING CONTINUED HSTSC1-09-D-OSC900/HSTSC1-11-J-OOP015/PC0005	PAGE	OF
		4	13

NAME OF OFFEROR OR CONTRACTOR

Lockheed Martin Services Incorporated

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Funded: \$89,827.20				
	Add Item 00002SUB5 as follows:				
00002SUB5	Additional funding for CLIN 0002 from different line of accounting. This funding is for the PSE Wheelchair kits.	1	CB	38,923.91	38,923.91
	Accounting Info: 5AV112AC00D2011SWE020GEC000C25005900590PSE-59070000 00000000-252R-TSA DIRECT-DEF. TASK-D Funded: \$38,923.91				
	Add Item 00002SUB3 as follows:				
00002SUB3	Additional funding for CLIN 0002 from different line of accounting.	1	CB	430,384.73	430,384.73
	Accounting Info: 5AV112AC00D2011SWE020CTR101325005900590OTT-59070000 00000000-2521-TSA DIRECT-DEF. TASK-D Funded: \$430,384.73				
	Add Item 00002SUB2 as follows:				
00002SUB2	Additional funding for CLIN 0002 from different line of accounting.	1	CB	3,000,000.00	3,000,000.00
	Accounting Info: 5AV112AC00D2011SWE020CTR100325005900590OTT-59070000 05000000-2521-TSA DIRECT-DEF. TASK-D Funded: \$3,000,000.00				
	Add Item 00003SUB3 as follows:				
00003SUB3	Additional funding for CLIN 0003 from different line of accounting.	1	CB	437,652.00	437,652.00
	Accounting Info: 5AV112AC00D2011SWE020CTR101325005900590OTT-59070000 00000000-2521-TSA DIRECT-DEF. TASK-D Funded: \$437,652.00				
	Continued ...				

## CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

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NAME OF OFFEROR OR CONTRACTOR

Lockheed Martin Services Incorporated

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00011A	Change Item 00011A to read as follows (amount shown is the obligated amount):  CLIN 0011A - T&M - Task C - Image Development: Ad-hoc Image Development  Accounting Info: 5AV112AG00D2011SWE02CTR101325005900590OTT-59070000 00000000-2521-TSA DIRECT-DEF. TASK-D Funded: (b)(4)  Change Item 00017A to read as follows (amount shown is the obligated amount):  CLIN 0017A - FFP - Task E - Image Simulator Support: TRX Simulator Family Change Management Requirements Recommendations/Development Training Laptop Configuration Management Software Upgrades Software Testing Configuration Management/Emerging Technologies Support PCP - August 1, 2011 - January 31, 2012  Accounting Info: 5AV112AG00D2011SWE02CTR100125005900590OTT-59070000 00000000-2521-TSA DIRECT-DEF. TASK-D Funded: (b)(4)  Add Item 00017ASUB1 as follows:  00017ASUB1 Additional funding for CLIN 0017A from different line of accounting.  Accounting Info: 5AV101AG00D2011SWE02CTR101125006300630HRM-63150004 00000000-2510-TSA DIRECT-DEF. TASK-D Funded: (b)(4)  Add Item 00019SUB3 as follows:  00019SUB3 Additional funding for CLIN 0019 from different line of accounting. This funding is added for the PSE Wheelchair kits under RFP#02.  Continued ...	1	CB	(b)(4)	
00017A	CLIN 0017A - FFP - Task E - Image Simulator Support: TRX Simulator Family Change Management Requirements Recommendations/Development Training Laptop Configuration Management Software Upgrades Software Testing Configuration Management/Emerging Technologies Support PCP - August 1, 2011 - January 31, 2012  Accounting Info: 5AV112AG00D2011SWE02CTR100125005900590OTT-59070000 00000000-2521-TSA DIRECT-DEF. TASK-D Funded: (b)(4)  Add Item 00017ASUB1 as follows:  00017ASUB1 Additional funding for CLIN 0017A from different line of accounting.  Accounting Info: 5AV101AG00D2011SWE02CTR101125006300630HRM-63150004 00000000-2510-TSA DIRECT-DEF. TASK-D Funded: (b)(4)  Add Item 00019SUB3 as follows:  00019SUB3 Additional funding for CLIN 0019 from different line of accounting. This funding is added for the PSE Wheelchair kits under RFP#02.  Continued ...	1	CB	(b)(4)	
00017ASUB1	Additional funding for CLIN 0017A from different line of accounting.  Accounting Info: 5AV101AG00D2011SWE02CTR101125006300630HRM-63150004 00000000-2510-TSA DIRECT-DEF. TASK-D Funded: (b)(4)  Add Item 00019SUB3 as follows:  00019SUB3 Additional funding for CLIN 0019 from different line of accounting. This funding is added for the PSE Wheelchair kits under RFP#02.  Continued ...	1	CB	(b)(4)	
00019SUB3	Additional funding for CLIN 0019 from different line of accounting. This funding is added for the PSE Wheelchair kits under RFP#02.  Continued ...	1	CB	(b)(4)	

## CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

HSTSC1-G9-D-OSC900/HSTSC1-11-J-OOP015/PC0005

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NAME OF OFFEROR OR CONTRACTOR

Lockheed Martin Services Incorporated

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Accounting Info: 5AV112AC00D2011SWE020GEC000C25005900590PSE-59070000 0000C00C-252R-TSA DIRECT-DEF. TASK-D Funded: (b)(4)				
00021	Change Item 00021 to read as follows (amount shown is the obligated amount):  CLIN 0021 - FFP - Task F - Threat Kit Program: Option B - Upgrade MBS2A with addition of one (b)(3) 49 U.S.C. § 114(f)	1	LB	(b)(4)	(b)(4)
	Accounting Info: 5AV112AC00D2011SWE020CTR101325005900590OTT-59070000 0000C00C-2521-TSA DIRECT-DEF. TASK-D Funded: (b)(4)				
	Add Item 00021SUB1 as follows:				
00021SUB1	Additional funding for CLIN 0021 from different line of accounting.	1	LB	(b)(4)	(b)(4)
	Accounting Info: 5AV112AC00D2011SWE020CTR100125005900590OTT-59070000 0000C00C-2521-TSA DIRECT-DEF. TASK-D Funded: (b)(4)				
	Change Item 00022 to read as follows (amount shown is the obligated amount):				
00022	CLIN 0022 - FFP - Task F - Threat Kit Program: Option C - Upgrade Weapons Kit with the addition of two stun guns	1	LB	(b)(4)	(b)(4)
	Accounting Info: 5AV112AC00D2011SWE020CTR100125005900590OTT-59070000 0000C00C-2521-TSA DIRECT-DEF. TASK-D Funded: (b)(4)				

The purpose of this modification is to:

1. Exercise CLIN 0001A - Task A – Global Requirements for All Tasks within the Statement of Work (SOW) (POP: July 1, 2011 – January 31, 2012) in the amount of (b)(4)
2. Exercise CLIN 0011A – Task C – Image Development: Ad-hoc Image Development in the amount of (b)(4)
3. Exercise CLIN 0017A - Task E - Image Simulator Support (POP – August 1, 2011 – January 31, 2012) in the amount of (b)(4)
4. Exercise CLIN 0021 - Task F – Threat Kit Program: Option B in the amount of (b)(4)
5. Exercise CLIN 0022 - Task F – Threat Kit Program: Option C in the amount of (b)(4)
6. Add supplemental work to this Task Order for PSE Kit Wheelchairs, which is within the scope, as stated within Attachment O – HSTS01-11-J-OOP015 (TO12) – PSE Kit Wheelchair. This is additional work under Section C, Paragraph 9.2, which is hereby modified to include the following:

9.2.1.15 PSE Kit Wheelchair (Attachment O)

9.2.2 The contractor shall provide maintenance on training kits and materials.

Kits requiring maintenance	Count**
MBS II	(b)(4)
MBS IIA	
IED Baseline Training Kit A	
Weapons Training Kit	
Liquid Explosives Training Kit	
TSWG Explosives Training Kit	
IED Component Display Board	
TQC	
E_WTMD Test Pieces:	
DA	
BR	
NAA	
PSE	
BLS	
PSE Kit Wheelchairs	

\*\*As of November 4, 2010

7. Add funding in the amount of (b)(4) to CLIN 0019 for labor to support the PSE Kit Wheelchairs supplemental work as stated in Attachment O. Funding for CLIN 0019 is increased from (b)(4) by (b)(4) to (b)(4)

8. Add funding in the amount of (b)(4) to CLIN 0002 for ODCs to support the PSE Kit Wheelchairs supplemental work as stated in Attachment O. Funding for CLIN 0002 is increased from \$1,494,251.46 by \$38,923.91 to \$1,533,175.37.

9. Modify the deliverable dates of paragraph 6.7 Task C Test Distribution. This is a no cost change. Paragraph 6.7 is hereby removed and replaced with the following:

#### 6.7 Task C Deliverables

Deliverable #	Deliverable Title	Due Date	Recipient	Government Review
1	TRX/AT – 1000 Clear Bags, 300 FTIs	FY2012, Q1 (Oct – Dec 2011)	Task C TM	10 Business Days
2	TRX/AT FY2012 Draft Test Distribution	August 22, 2011	Task C TM	5 Business Days
2a	Final TRX/AT FY2012 Distribution CD	August 31, 2011	Task C TM	5 Business Days
2b	Final TRX/AT FY2012 Release Documentation	August 31, 2011	Task C TM	5 Business Days
3	AIT – 400 Training Images	FY2011, Q3 (Apr – Jun 2011)	Task C TM	5 Business Days
4	Auto-EDS – 600 Training Images: 200 FUSION (CP) 200 FUSION (CB) 200 COBRA (CB)	FY2011, Q3 (Apr – Jun 2011)	Task C TM	5 Business Days
5	Auto-EDS – 200 OQT Assessment Images: 100 FUSION (CB) 100 COBRA (CB)	FY2011, Q4 (Jul – Sep 2011)	Task C TM	5 Business Days
6 – OPTION A	AIT – FY2012 Test Distribution	FY2011, Q4 (Jul – Sep 2011)	Task C TM	10 Business Days
7 – OPTION B	300 Auto-EDS IMA Assessment Images for COBRA (CP only)	FY2011, Q3 (Apr – Jun 2011)	Task C TM	5 Business Days
8 – OPTION C	Auto-EDS FY2012 Test Distribution (Analogic COBRA)	FY2011, Q4 (Jul – Sep 2011)	Task C TM	10 Business Days

9 – OPTION D	750 Auto-EDS IIT/IMT/IMA Assessment Images for FUSION (CP only)	FY2012, Q1 (Oct – Dec 2011)	Task C TM	5 Business Days
10 – OPTION D	Auto-EDS – FY2012 Test Distribution (Reveal Fusion)	FY2012, Q1 (Oct – Dec 2011)	Task C TM	10 Business Days

10. Add funding in the amount of \$3,520,211.93 to CLIN 0002 to fund ODCs that were previously evaluated and accepted. Funding for CLIN 0002 is increased from \$1,533,175.37 by \$3,520,211.93 to \$5,053,387.30.

11. Add funding in the amount of \$437,652.00 to CLIN 0003 to fund travel that was previously evaluated and accepted. Funding for CLIN 0003 is increased from \$327,077.60 by \$437,652.00 to \$764,729.60.

12. Update Section B.1 as follows:

### B.1 Contract Line Items, Descriptions

**Period of Performance:** February 1, 2011 – January 31, 2012, unless otherwise stated within the specific CLIN.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	FFP - Task A – Global Requirements for All Tasks within the Statement of Work (SOW): Project Management Quality Assurance GFE/GFI/GFP Management Security Requirements Tier 1 and 2 Help Desk and Field Support Tier 3 and 4 Help Desk Support Threat and Image Support SME Support POP: February 1, 2011 – June 30, 2011	1	Job	(b)(4)	
0001A	FFP - Task A – Global Requirements for All Tasks within the Statement of Work (SOW): Project Management Quality Assurance			(b)(4)	

	GFE/GFI/GFP Management Security Requirements Tier 1 and 2 Help Desk and Field Support Tier 3 and 4 Help Desk Support Threat and Image Support SME Support POP: July 1, 2011 – January 31, 2012				
0002	ODC Reimbursable – NTE Other Direct Costs (ODCs)	1	Lot	\$5,053,387.30	NTE \$5,053,387.30
0003	ODC Reimbursable – NTE Travel	1	Lot	\$764,729.60	NTE \$764,729.60
0004	ODC Reimbursable - Task A: Threat Mitigation Laboratory (TML) – Facility Maintenance	1	Lot	(b)(4)	
0005	T&M –Task A - Rapid Response	1	Lot	(b)(4)	
0005A	OPTIONAL - T&M –Task A - Rapid Response			(b)(4)	
0006	FFP –Task B - Threat Image Projection (TIP) Program: <ul style="list-style-type: none"> <li>• TIP Imaging Support</li> <li>• TIP Library Management and Distribution</li> <li>• TIP Data Analysis, Reporting, and Operational Support</li> </ul>	1	Job	(b)(4)	
0007	Reserved				
0008	Reserved				
0009	T&M – Task B - Threat Image Projection (TIP) Program: Special Project Reports	1	Lot	(b)(4)	
0010	FFP - Task C – Image Development: <ul style="list-style-type: none"> <li>• TRX &amp; AT Image Requirements,</li> <li>• AIT Training Image Requirements</li> <li>• Auto-EDS Training Image Requirements</li> <li>• OQT Image Capture</li> <li>• Auto-EDS Assessment Software/Hardware</li> </ul>	1	Job	(b)(4)	

	Requirements – OEM Simulator <ul style="list-style-type: none"> <li>• Auto-EDS Technical Support Requirements</li> <li>• Auto-EDS 2012 Test Distribution Requirements</li> </ul>				
0011	T&M – Task C – Image Development: Ad-hoc Image Development	1	Lot	(b)(4)	
0011A	T&M – Task C – Image Development: Ad-hoc Image Development	1	Lot	(b)(4)	
0012	OPTIONAL CLIN – FFP – Task C – Image Development: Option A - AIT Assessment Image Requirements	1	Job	(b)(4)	
0013	OPTIONAL CLIN – FFP - Task C – Image Development: Option B - IIT/IMT/IMA Image Capture	1	Job	(b)(4)	
0014	OPTIONAL CLIN – FFP - Task C – Image Development: Option C - Auto-EDS Assessment Image Pilot Requirements Analogic COBRA	1	Job	(b)(4)	
0015	OPTIONAL CLIN – FFP - Task C – Image Development: Option D - Auto-EDS Assessment Image Requirements	1	Job	(b)(4)	
0016	FFP – Task D – Image Library: <ul style="list-style-type: none"> <li>• TRX Simulator Library Management</li> <li>• AIT Simulator Library Management</li> <li>• Auto-EDS Simulator Library Management</li> </ul>	1	Job	(b)(4)	
0017	FFP - Task E - Image Simulator Support: <ul style="list-style-type: none"> <li>• TRX Simulator Family</li> <li>• Change Management</li> <li>• Requirements Recommendations/Development Training Laptop Configuration Management</li> <li>• Software Upgrades</li> <li>• Software Testing</li> </ul>	1	Job	(b)(4)	



	<ul style="list-style-type: none"> <li>Configuration Management/Emerging Technologies Support</li> </ul> POP – February 1, 2011 – July 31, 2011				
0017A	FFP - Task E - Image Simulator Support: <ul style="list-style-type: none"> <li>TRX Simulator Family</li> <li>Change Management</li> <li>Requirements Recommendations/Development Training Laptop Configuration Management</li> <li>Software Upgrades</li> <li>Software Testing</li> </ul> Configuration Management/Emerging Technologies Support POP – August 1, 2011 – January 31, 2012	1	Job	(b)(4)	
0018	T&M - Task E - Image Simulator Support: <ul style="list-style-type: none"> <li>Configuration Management/Emerging Technologies Support</li> </ul>	1	Job	(b)(4)	
0018A	OPTIONAL - T&M - Task E - Image Simulator Support: Configuration Management/Emerging Technologies Support	1	Job	(b)(4)	
0019	FFP – Task F – Threat Kit Program: <ul style="list-style-type: none"> <li>Threat Kit Program Support</li> <li>IED Accessory Kit Program</li> </ul>	1	Job	(b)(4)	
0020	OPTIONAL CLIN – FFP - Task F – Threat Kit Program: Option A - Upgrade TQC	1	Job	(b)(4)	
0021	FFP - Task F – Threat Kit Program: Option B - Upgrade MBS2A with addition of one <div style="border: 1px solid black; width: 100px; height: 1.2em; display: inline-block;"></div>	1	Job	(b)(4)	
0022	FFP - Task F – Threat Kit Program: Option C - Upgrade Weapons Kit with the addition of two <div style="border: 1px solid black; width: 100px; height: 1.2em; display: inline-block;"></div>	1	Job	(b)(4)	

(b)(3); 49 U.S.C.  
§ 114(r)  
(b)(3); 49 U.S.C.  
§ 114(r)

(b)(3); 49 U.S.C.  
§ 114(r)  
(b)(3); 49 U.S.C.  
§ 114(r)

0023	FFP - Task F – Threat Kit Program: Option D - WTMD Calibration Test Kits	1.	Job	(b)(4)
0024	OPTIONAL CLIN – FFP - Task F – Threat Kit Program: Option E - Replacement Duffle Bags for PSE Kits	1.	Job	(b)(4)
0025	T&M - Task F – Threat Kit Program: Threat Prototyping	1.	Lot	(b)(4)
0025A	OPTIONAL - T&M - Task F – Threat Kit Program: Threat Prototyping	1	Lot	(b)(4)

\*Labor rates applied to these CLINs shall be based on Attachment 20 of the IDIQ contract.

\*\*The Government reserves the right to exercise Optional CLIN 0005A, 0011A, 0012, 0013, 0014, 0015, 0018A, 0020, 0021, 0022, 0024, and 0025A at any time during the performance of this Task Order. Optional CLINs with a stated period of performance will be exercised prior to the stated effective date as necessary.

\*\*\*CLIN 0002 and CLIN 0003 are partially funded and additional funds will be added as needed up to the established not to exceed amount. The ODCs and travel proposed for these CLINs have been evaluated and accepted by the Government.

### **PSE Kit Wheelchair**

**Purpose:** The PSE Kit is used by the Office of Human Capital (OHC) to conduct the TSOs annual required Practical Skills Evaluation. The quality control for condition and uniformity is paramount with the PSE kit because the testing must be consistent in all parts of the country. One of the specific skills tested is the search procedures for a wheelchair.

**Tasks:**

Contractor shall provide (b)(4) wheelchairs with the following requirements

**Requirements:**

1. Wheelchairs must have a minimum weight capacity of 300 lbs.
2. Wheelchairs must have an attachable cushioned seat (Velcro is acceptable)
3. Wheelchairs must have permanently attached arm rest
4. Wheelchairs must be collapsible for shipment and storage
5. Lockable shipping container
6. Must have the below example printed on the back of the wheel chair.

## **Property of TSA**

### **PSE Testing Only**

The "Property of TSA" must be white letters as big as possible with "PSE Testing Only" also in white but slightly smaller letters.

**Components:**

1. Invacare Tracer SXR model Wheelchair
2. Lockable Shipping Container
3. Pillow
4. Attachable Pillow Cover (Velcro attachment is acceptable)



**Shipping:**

The shipping container:

1. Must be durable to protect the wheelchairs from multiple shipping events around the country.
2. Must have foam inserts to protect the wheelchair
3. Must have wheels for ease of movement
4. Must be lockable

HSTS01-09-D-OSO900

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Attachment O

05/06/2011

**Delivery:**

1. Delivery to the LMCS OKC will begin on a mutually agreed to schedule
2. Delivery to LMCS OKC to be completed NLT September 31, 2011

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1 7
2. AMENDMENT/MODIFICATION NO. P00006	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. 2111201COP077	5. PROJECT NO. (if applicable)
6. ISSUED BY Office of Acquisition 701 S 12TH STREET ARLINGTON VA 20598	CODE 20	7. ADMINISTERED BY (if other than item 6) Human Capital & Finance 701 S 12TH STREET ARLINGTON VA 20598	CODE 01
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Lockheed Martin Services Incorporated Attn: (b)(6) 730 N Frederick Ave Gaithersburg MD 208783328		(x) 9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11)	
CODE 805258373 FACILITY CODE		x 10A. MODIFICATION OF CONTRACT/ORDER NO. HSTS01-09-D-OSC900 HSTS01-11-J-00P015 10B. DATED (SEE ITEM 13) 01/31/2011	

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.  
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted, or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required) Net Increase: \$41,586.59  
 See Schedule

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF
X	D. OTHER (Specify type of modification and authority) FAR 52.217-9 Option to Extend the Term of the Contract (Mar 2000)

E. IMPORTANT: Contractor ☐ is not; ☒ is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

Tax ID Number: 52-2813509

DUNS Number: 805258373

Task Order 12

The purpose of this modification is to:

1. Exercise CIIN 00024 - Task F - Threat Kit Program: Option E - Replacement Duffle Bags for PSE Kits.

2. Modify the deliverable dates of paragraph 9.6 Task F Option E PSE Kit Replacement Component.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) (b)(6) Senior Contracts Negotiator	15B. CONTRACTOR/OFFEROR (b)(6)	15C. DATE SIGNED 6/27/2011	15A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Marvin Grubbs	15B. UNITED STATES OF AMERICA (Signature of Contracting Officer)	15C. DATE SIGNED 6/28/2011
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NSN 7540-01-152-807C  
 Previous edition unusable

Working Copy

STANDARD FORM 30 (REV. 10-83)  
 Prescribed by GSA  
 FAR (48 CFR) 53.243

## CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

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NAME OF OFFEROR OR CONTRACTOR

Lockheed Martin Services Incorporated

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>3. Add funding in the amount of (b)(4) to CLIN 0002 to fund ODCs for Option E that were previously evaluated and accepted.</p> <p>4. Modify the Associated Labor Categories table under Section B.4 of this Task Order.</p> <p>5. Update Section B.1.</p> <p>Overall, funding in the amount of \$41,586.59 is being added to this task order. Therefore, funding is increased from \$27,033,966.88 by \$41,586.59 to \$27,075,553.47. All other terms and conditions remain unchanged.</p> <p>Discount Terms: Net 30</p> <p>Payment: US Coast Guard Financial Center TSA Commercial Invoices P.O. Box 4111 Chesapeake VA 23327-4111</p> <p>Accounting Info: 5AV112AC00D2011SWE020GEC000025005900590PSE-59070000 00000000-2521-TSA DIRECT-DEF. TASK-D FCB: Destination Period of Performance: 02/01/2011 to 01/31/2012</p> <p>Add Item 00002SUB6 as follows:</p> <p>00002SUB6 Additional funding for CLIN 0002 from different line of accounting. This funding is for Option E - Replacement Duffle Bags.</p> <p>Change Item 00024 to read as follows (amount shown is the obligated amount):</p> <p>00024 CLIN 0024 - FFP - Task E - Threat Kit Program: Option E - Replacement Duffle Bags for PSE Kits</p>	1	CB	(b)(4)	
		1	CB	(b)(4)	

The purpose of this modification is to:

1. Exercise CLIN 0024 – Task F – Threat Kit Program: Option E – Replacement Duffle Bags for PSE Kits in the amount of (b)(4)
2. Modify the deliverable dates of paragraph 9.6 Task F – Deliverables, Item Number 11 and 12. This is a no cost change. Deliverable #11 and 12 is hereby changed to the following:

Deliverable #	Deliverable Title	Due Date	Recipient	Government Review
11	PSE Kit Replacement Component # OTT-PSE-C-0008A, Duffle Bag, deliver prototype (CLIN 0019 FFP)	6/3/2011	Task F TM	10 Business Days
12	PSE Kit Replacement Component #OTT-PSE-C-0008A, Duffle Bag, begin kit upgrade OPTION E	8/17/2011	LMSC Oklahoma City	60 Days to complete upgrade

3. Add funding in the amount of (b)(4) to CLIN 0002 to fund the ODCs associated with OPTION E. These ODC were previously evaluated and accepted. Funding for CLIN 0002 is increased from (b)(4) by (b)(4) to (b)(4)
4. Modify the Associated Labor Categories table under Section B.4 of this Task Order. Labor Category #83 – Junior Threat Design Engineer is hereby incorporated and allowed to be used under CLIN 0018.
5. Update Section B.1 as follows:

#### B.1 Contract Line Items, Descriptions

**Period of Performance:** February 1, 2011 – January 31, 2012, unless otherwise stated within the specific CLIN.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	FFP - Task A – Global Requirements for All Tasks within the Statement of Work (SOW): Project Management Quality Assurance GFE/GFI/GFP Management Security Requirements Tier 1 and 2 Help Desk and Field Support Tier 3 and 4 Help Desk Support Threat and Image Support SME Support POP: February 1, 2011 – June 30, 2011	1	Job	(b)(4)	
0001A	FFP - Task A – Global			(b)(4)	

	Requirements for All Tasks within the Statement of Work (SOW): Project Management Quality Assurance GFE/GFI/GFP Management Security Requirements Tier 1 and 2 Help Desk and Field Support Tier 3 and 4 Help Desk Support Threat and Image Support SME Support POP: July 1, 2011 – January 31, 2012				
0002	ODC Reimbursable – NTE Other Direct Costs (ODCs)	1	Lot	(b)(4)	NTE (b)(4)
0003	ODC Reimbursable – NTE Travel	1	Lot	\$764,729.60	NTE \$764,729.60
0004	ODC Reimbursable - Task A: Threat Mitigation Laboratory (TML) – Facility Maintenance	1	Lot	\$738,968.04	NTE \$738,968.04
0005	T&M –Task A - Rapid Response	1	Lot	(b)(4)	
0005A	OPTIONAL - T&M –Task A - Rapid Response			(b)(4)	
0006	FFP –Task B - Threat Image Projection (TIP) Program: • TIP Imaging Support • TIP Library Management and Distribution • TIP Data Analysis, Reporting, and Operational Support	1	Job	(b)(4)	
0007	Reserved				
0008	Reserved				
0009	T&M – Task B - Threat Image Projection (TIP) Program: Special Project Reports	1	Lot	(b)(4)	
0010	FFP - Task C – Image Development: • TRX & AT Image Requirements, • AIT Training Image Requirements	1	Job	(b)(4)	



	<ul style="list-style-type: none"> <li>• Auto-EDS Training Image Requirements</li> <li>• OQT Image Capture</li> <li>• Auto-EDS Assessment Software/Hardware Requirements – OEM Simulator</li> <li>• Auto-EDS Technical Support Requirements</li> <li>• Auto-EDS 2012 Test Distribution Requirements</li> </ul>				
0011	T&M – Task C – Image Development: Ad-hoc Image Development	1	Lot	(b)(4)	
0011A	T&M – Task C – Image Development: Ad-hoc Image Development	1	Lot	(b)(4)	
0012	OPTIONAL CLIN – FFP – Task C – Image Development: Option A - AIT Assessment Image Requirements	1	Job	(b)(4)	
0013	OPTIONAL CLIN – FFP - Task C – Image Development: Option B - IIT/IMT/IMA Image Capture	1	Job	(b)(4)	
0014	OPTIONAL CLIN – FFP - Task C – Image Development: Option C - Auto-EDS Assessment Image Pilot Requirements Analogic COBRA	1	Job	(b)(4)	
0015	OPTIONAL CLIN – FFP - Task C – Image Development: Option D - Auto-EDS Assessment Image Requirements	1	Job	(b)(4)	
0016	FFP – Task D – Image Library: <ul style="list-style-type: none"> <li>• TRX Simulator Library Management</li> <li>• AIT Simulator Library Management</li> <li>• Auto-EDS Simulator Library Management</li> </ul>	1	Job	(b)(4)	
0017	FFP - Task E - Image Simulator Support: <ul style="list-style-type: none"> <li>• TRX Simulator Family</li> <li>• Change Management</li> <li>• Requirements</li> </ul>	1	Job	(b)(4)	

	Recommendations/Development Training Laptop Configuration Management <ul style="list-style-type: none"> <li>• Software Upgrades</li> <li>• Software Testing</li> <li>• Configuration Management/Emerging Technologies Support</li> </ul> POP – February 1, 2011 – July 31, 2011				
0017A	FFP - Task E - Image Simulator Support: <ul style="list-style-type: none"> <li>• TRX Simulator Family</li> <li>• Change Management</li> <li>• Requirements</li> </ul> Recommendations/Development Training Laptop Configuration Management <ul style="list-style-type: none"> <li>• Software Upgrades</li> <li>• Software Testing</li> </ul> Configuration Management/Emerging Technologies Support POP – August 1, 2011 – January 31, 2012	1	Job	(b)(4)	
0018	T&M - Task E - Image Simulator Support: <ul style="list-style-type: none"> <li>• Configuration Management/Emerging Technologies Support</li> </ul>	1	Job	(b)(4)	
0018A	OPTIONAL - T&M - Task E - Image Simulator Support: Configuration Management/Emerging Technologies Support	1	Job	(b)(4)	
0019	FFP – Task F – Threat Kit Program: <ul style="list-style-type: none"> <li>• Threat Kit Program Support</li> <li>• IED Accessory Kit Program</li> </ul>	1	Job	(b)(4)	
0020	OPTIONAL CLIN – FFP - Task F – Threat Kit Program: Option A - Upgrade TQC	1	Job	(b)(4)	
0021	FFP - Task F – Threat Kit Program: Option B - Upgrade MBS2A with addition of one (b)(3):49 U.S.C. § 114(r)	1	Job	(b)(4)	

(b)(3), 49 U.S.C. § 114(r)					
0022	FFP - Task F – Threat Kit Program; Option C - Upgrade Weapons Kit with the addition of two	1	Job	(b)(4)	
(b)(3), 49 U.S.C. § 114(r)					
0023	FFP - Task F – Threat Kit Program; Option D - WTMD Calibration Test Kits	1	Job	(b)(4)	
0024	CLIN – FFP - Task F – Threat Kit Program; Option E - Replacement Duffle Bags for PSE Kits	1	Job	(b)(4)	
0025	T&M - Task F – Threat Kit Program; Threat Prototyping	1	Lot	(b)(4)	
0025A	OPTIONAL - T&M - Task F – Threat Kit Program; Threat Prototyping	1	Lot	(b)(4)	

\*Labor rates applied to these CLINs shall be based on Attachment 20 of the IDIQ contract.

\*\*The Government reserves the right to exercise Optional CLIN 0005A, 0011A, 0012, 0013, 0014, 0015, 0018A, 0020, 0021, 0022, 0024, and 0025A at any time during the performance of this Task Order. Optional CLINs with a stated period of performance will be exercised prior to the stated effective date as necessary.

\*\*\*CLIN 0002 and CLIN 0003 are partially funded and additional funds will be added as needed up to the established not to exceed amount. The ODCs and travel proposed for these CLINs have been evaluated and accepted by the Government.

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE		PAGE OF PAGES 1 8	
2. AMENDMENT/MODIFICATION NO. P00C07		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. None	
5. PROJECT NO. (If applicable)		6. ISSUED BY Office of Acquisition 701 S 12TH STREET ARLINGTON VA 20598		7. ADMINISTERED BY (If other than item 6) Human Capital & Finance 701 S 12TH STREET ARLINGTON VA 20598	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Lockheed Martin Services Incorporated Attn: (b)(6) 700 N Frederick Ave Gaithersburg MD 208793328		9A. AMENDMENT OF SOLICITATION NO.		9B. DATED (SEE ITEM 11)	
10A. MODIFICATION OF CONTRACT/ORDER NO. HST301-09-D-OSO900 HST301-11-J-OCPO15		10B. DATED (SEE ITEM 13) 01/31/2011		11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS	

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.  
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(a)
x	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF FAR 52.212-4 paragraph (c)
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

Tax ID Number: 52-1813509

DUNS Number: 805258373

Task Order 12

The purpose of this modification is to execute the following contract actions:

1. Modify the Associated Labor Categories table under Section B.4 of this Task Order.
2. Modify the deliverable dates of Task C, Task D, Task E, and Task F.

No funding is necessary for this modification, therefore funding remains at \$27,075,553.47.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) (b)(6) Senior Contracts Negotiator		15A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Marvin Grubbs	
15C. DATE SIGNED 8/15/2011		15C. DATE SIGNED 8/15/2011	

NSN 7540-01-152-8070  
Previous edition unusable

Working Copy

STANDARD FORM 30 (REV. 10-83)  
Prescribed by GSA  
FAR (48 CFR) 53.243

## CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

HSTSC1-C9-D-OSC900/HSTSC1-11-J-OOP015/PC0007

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NAME OF OFFEROR OR CONTRACTOR

Lockheed Martin Services Incorporated

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>All other terms and conditions remain unchanged.</p> <p>Please see following pages for details of the modification.</p> <p>Payment:</p> <p>    JS Coast Guard Financial Center</p> <p>    TSA Commercial Invoices</p> <p>    P.O. Box 4111</p> <p>    Chesapeake VA 23327-4111</p> <p>Period of Performance: 02/01/2011 to 01/31/2012</p>				

The purpose of this modification is to:

1. Modify the Associated Labor Categories table under Section B.4 of this Task Order. The following labor categories are hereby incorporated and allowed to be used under CLIN 0025 and all its associated sub-clins:

#76 - Assembly Technician  
#87 - Senior Image Engineer

2. Modify the deliverable dates of paragraph 6.7 Task C – Deliverables, Item 3, 4, and 5. This is a no cost change. Paragraph 6.7 Task C – Deliverables table is hereby changed to the following:

6.7. Task C Deliverables

Deliverable #	Deliverable Title	Due Date	Recipient	Government Review
1	TRX/AT – 1000 Clear Bags, 300 FTIs	FY12, Q1 (Oct – Dec 2011)	Task C TM	10 Business Days
2	TRX/AT – FY2012 Test Distribution	August 22, 2011	Task C TM	5 Business Days
2a	Final TRX/AT FY2012 Distribution CD	August 31, 2011	Task C TM	5 Business Days
2b	Final TRX/AT FY2012 Release Documentation	August 31, 2011	Task C TM	5 Business Days
3	AIT – 400 Training Images	FY12 Q1 (Oct - Dec 2011)	Task C TM	5 Business Days
4	Auto-EDS – 600 Training Images: 200 FUSION (CP) 200 FUSION (CB) 200 COBRA (CB)	June 30, 2011 FY12 Q1 (Oct - Dec 2011) FY12 Q1 (Oct - Dec 2011)	Task C TM	5 Business Days
5	Auto-EDS – 200 OQT Assessment Images: 100 FUSION (CB) 100 COBRA (CB)	FY12 Q1 (Oct - Dec 2011) FY12 Q1 (Oct - Dec 2011)	Task C TM	5 Business Days
6 – OPTION A	AIT – FY2012 Test Distribution	FY11, Q4 (Jul – Sep 2011)	Task C TM	10 Business Days
7 – OPTION B	300 Auto-EDS IMA Assessment Images for COBRA (CP only)	FY11, Q3 (Apr – Jun 2011)	Task C TM	5 Business Days
8 – OPTION C	Auto-EDS FY2012 Test Distribution (Analogic COBRA)	FY11, Q4 (Jul – Sep 2011)	Task C TM	10 Business Days

9 – OPTION D	750 Auto-EDS IIT/IMT/IMA Assessment Images for FUSION (CP only)	FY2012, Q1 (Oct – Dec 2011)	Task C TM	5 Business Days
10 – OPTION D	Auto-EDS – FY2012 Test Distribution (Reveal Fusion)	FY2012, Q1 (Oct – Dec 2011)	Task C TM	10 Business Days

2. Modify the deliverable dates of paragraph 7.4 Task D – Deliverables, Item Number 1-7. This is a no cost change. Paragraph 7.4 Task D – Deliverables table is hereby changed to the following:

7.4. Task D Deliverables

<b>Deliverable #</b>	<b>Item</b>	<b>Due Date</b>	<b>Deliverable Recipient</b>	<b>Government Review</b>
1	TRX/AT – TRX Sim Training Library (1000 Clear Bags/300 FTIs)	FY12, Q2 (Jan – Mar 2012) Jan 31, 2012	Task D Technical Monitor	10 Business Days
2	AIT – TRX Sim Training Library (400 Training Images)	FY12, Q2 (Jan – Mar 2012) Jan 31, 2012	Task D Technical Monitor	10 Business Days
3	Auto-EDS – 200 COBRA (CB) Training Images	FY12, Q2 (Jan – Mar 2012) Jan 31, 2012	Task D Technical Monitor	5 Business Days
4	Auto-EDS – 200 FUSION (CB) Training Images	FY12, Q2 (Jan – Mar 2012) Jan 31, 2012	Task D Technical Monitor	5 Business Days
5	Auto-EDS – 200 FUSION (CP) Training Images	FY11, Q4 (Jul – Sep 2011) Sep 30, 2011	Task D Technical Monitor	5 Business Days
6	Auto-EDS – 100 COBRA (CB) OQT Images	FY12, Q2 (Jan – Mar 2012) Jan 31, 2012	Task D Technical Monitor	5 Business Days
7	Auto-EDS – 100 FUSION (CB) OQT Images	FY12, Q2 (Jan – Mar 2012) Jan 31, 2012	Task D Technical Monitor	5 Business Days
8 – OPTION A	AIT – FY2012 Test Distribution For TRX Simulator	FY12, Q1 (Oct – Dec 2011)	Task C Technical Monitor	10 Business Days

<b>Deliverable #</b>	<b>Item</b>	<b>Due Date</b>	<b>Deliverable Recipient</b>	<b>Government Review</b>
9 – OPTION B	300 Auto-EDS IMA Assessment Images for COBRA (CP only) For OEM Simulator	FY2011, Q3 (Apr – Jun 2011)	Task C Technical Monitor	5 Business Days
10 – OPTION C	Auto-EDS – FY2012 Test Distribution (Analogic COBRA) For OEM Simulator	FY2011, Q4 (Jul – Sep 2011)	Task C Technical Monitor	10 Business Days
11 – OPTION D	750 Auto-EDS IIT/IMT/IMA Assessment Images for FUSION (CP only) For OEM Simulator	FY2012, Q1 (Oct – Dec 2011)	Task C Technical Monitor	5 Business Days
12 – OPTION D	Auto-EDS – FY2012 Test Distribution (Reveal FUSION) For OEM Simulator	FY2012, Q1 (Oct – Dec 2011)	Task C Technical Monitor	10 Business Days

3. Modify the deliverable dates of paragraph 8.11 Task E – Deliverables, Item Number 1, 4, 6,7, 8, 9, 10, 11, 12, and 13. This is a no cost change. Paragraph 8.11 Task E – Deliverables table is hereby changed to the following:

8.11 Task E - Deliverables

<b>#</b>	<b>Deliverable</b>	<b>Due Date</b>	<b>Deliverable Recipient</b>	<b>Government Review</b>
1	Major Version Upgrade	4th Quarter FY2011 7/29/11	Task Order TM	30 Business Days
2	Three Proof-of-Concept releases	As agreed upon by TSA and Contractor	Task Order TM	30 Business Days
3	Minor Service Release	2 <sup>nd</sup> Quarter FY 2011	Task Order TM	20 Business Days
4	TRX Sim Documentation	As agreed upon by TSA and LM	Task Order TM	10 Business Days
5	Four wrapped Altiris releases outside major or minor releases	As needed	Task Order TM	10 Business Days
6	Quarterly TRX Simulator Session Set (1 EID & 1	60 days prior to the beginning of each	Task Order TM	10 Business Days



#	Deliverable	Due Date	Deliverable Recipient	Government Review
	General Session per month) packaged for Altiris Delivery	Quarter (April 11, 2011; June 1, 2011; September 1, 2011; January 2, 2012		
7	TRX Simulator (As-Is) Functional Requirements Document	As agreed upon by TSA and LM	Task Order TM	10 Business Days
8	TRX Simulator (updated)Functional Requirements Document	As agreed upon by TSA and LM	Task Order TM	10 Business Days
9	Requirements Traceability Matrix	As agreed upon by TSA and LM	Task Order TM	10 Business Days
10	TRX Simulator Requirements Repository	As agreed upon by TSA and LM	Task Order TM	15 Business Days
11	Test Plan (for each software release)	As agreed upon by TSA and LM	Task Order TM	10 Business Days
12	Test Results (for each Test Plan)	As agreed upon by TSA and LM	Task Order TM	10 Business Days
13	Data Management Plan (DMP)	As agreed upon by TSA and LM	Task Order TM	15 Business Days

3. Modify the deliverable dates of paragraph 9.6 Task F – Deliverables, Item Number 6 and 8. This is a no cost change. Paragraph 9.6 Task F – Deliverables table is hereby changed to the following:

9.6. Task F – Deliverables

#	Deliverable	Due Date	TSA Recipient	Government Review
1	Monthly Procurement Report for Kits	5 business days after month close	Task F TM Task A TM	5 business days
2	Threat and non Threat Prototypes (CLIN 0025 T&M))	per Technical Direction from TSA	Task F TM	10 business days
3a	IED Accessory Kit Components shipped to TSS-E at Hubs	4/30/2011	Lead TSS-E at Airport Hubs	2 business days after acceptance at Airport
3b	IED Accessory Kit Components shipped to TSS-E at Hubs	7/31/2011	Lead TSS-E at Airport Hubs	2 business days after acceptance at Airport

3c	IED Accessory Kit Components shipped to TSS-E at Hubs	10/31/2011	Lead TSS-E at Airport Hubs	2 business days after acceptance at Airport
3d	IED Accessory Kit Components shipped to TSS-E at Hubs	01/31/2012,	Lead TSS-E at Airport Hubs	2 business days after acceptance at Airport
4	Thumbprint Quality Control (TQC) Upgrade Prototype <b>OPTION A</b>	2/25/2011	Task F TM	10 business days
5	Thumbprint Quality Control (TQC) Upgrade, Begin Field Distribution <b>OPTION A</b>	8/31/2011	Airport POC for IED and Weapons Training kits	2 business days after acceptance at Airport
6	(b)(3);49 U.S.C. § 114(r) Begin Field Distribution <b>OPTION B</b>	10/31/2011	Airport POC for IED and Weapons Training kits	2 business days after acceptance at Airport
7	Weapons Training Kit Upgrade (b)(3);49 U.S.C. § 114(r) deliver 2 prototypes <b>OPTION C</b>	3/31/2011	Task F TM	10 Business Days
8	Weapons Training Kit Upgrade (b)(3);49 U.S.C. § 114(r) Begin Field Distribution <b>OPTION C</b>	10/31/2011	Airport POC for IED and Weapons Training kits	2 business days after acceptance at Airport
9	E-WTMD Calibration Test Kit (b)(3);49 U.S.C. § 114(r), deliver prototypes <b>OPTION D</b>	4/15/2011	Task F TM	10 Business Days
10	E-WTMD Calibration Test Kit (b)(3);49 U.S.C. § 114(r) Begin Distribution <b>OPTION D</b>	10/14/2011	Airport POC for E-WTMD Calibration Test Kit	2 business days after acceptance at Airport
11	PSE Kit Replacement Component # OTT-PSE-C- 0008A, Duffle Bag, deliver prototype <b>OPTION E</b>	06/03/2011	Task F TM	10 Business Days
12	PSE Kit Replacement Component # OTT-PSE-C- 0008A, Duffle Bag, begin kit upgrade <b>OPTION E</b>	08/17/2011	LMSC Oklahoma City	60 Days to complete upgrade
13	Spreadsheet with Kit Type and TSA Property Serial Number	As required to update Sunflower Inventory	TSA HQ Property Management Office (Sunflower) and Task F TM	

14	Proposed list of IED Components and Related Materials for Annual Shipment to the Hub Airports	9/1/2011	Task F TM	10 Business Days
15	Shipment of IED Components and related Materials	11/15/2011	TSS-E Leads at Hub Airports	2 business days after acceptance at Airport

All other terms and conditions remain unchanged.

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE		PAGE OF PAGES 1 8	
2. AMENDMENT/MODIFICATION NO. P00008		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. None	
5. ISSUED BY Office of Acquisition 701 S 12TH STREET ARLINGTON VA 20598		6. PROJECT NO. (If applicable) 01		7. ADMINISTERED BY (If other than Item 6) Human Capital & Finance 701 S 12TH STREET ARLINGTON VA 20598	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Lockheed Martin Services Incorporated Attn: (b)(6) 700 N Frederick Ave Gaithersburg MD 208793328		(x) 9A. AMENDMENT OF SOLICITATION NO.		9B. DATED (SEE ITEM 11)	
CODE: 805258373		FACILITY CODE		10A. MODIFICATION OF CONTRACT/ORDER NO. HSTS01-09-D-OSO900 HSTS01-11-J-OOP015	
				10B. DATED (SEE ITEM 13) 01/31/2011	

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.  
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 9 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

**12. ACCOUNTING AND APPROPRIATION DATA (If required)**

See Schedule

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: FAR 52.212-4 Contract Terms and Conditions - Commercial Items (Oct 2003) paragraph (c)
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not. ☒ is required to sign this document and return 1 copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

Tax ID Number: 52-1813509

DUNS Number: 805258373

Task Order 12

The purpose of this modification is to execute the following contract actions:

1. Add supplemental work to this Task Order for AIT Training Kits which is within the scope, as stated within Attachment P - HSTS01-11-J-OOP015 (TO12) - AIT Training Kits.

2. Move unexpended funding from CLIN 0018 (T&M) to fund CLIN 0019 for labor to support the AIT Training King supplemental work as stated in Attachment P.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) (b)(6) Senior Contracts Negotiator		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Marvin Grubbs	
15B. CONTRACTOR/OFFEROR (b)(6)		15C. DATE SIGNED 16 Sept 2011	
15D. UNITED STATES OF AMERICA		15E. DATE SIGNED 9/16/2011	

## CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

HSTS01-09-D-OSC900/HSTS01-11-J-OOP015/PC0008

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NAME OF OFFEROR OR CONTRACTOR

Lockheed Martin Services Incorporated

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>3. Increase the acceptable not-to-exceed amount of CLIN 0002 ODCs to support the AIT Training Kits supplemental work as stated in Attachment P.</p> <p>4. Update Section B.1.</p> <p>No additional funding is needed for this modification, therefore funding remains at \$27,075,553.47. All other terms and conditions remain unchanged.</p> <p>Please see following pages for details of the modification.</p> <p>Attachment P - HSTS01-11-J-OOP015 (TO12) - AIT Training Kits</p> <p>Discount Terms: Net 30</p> <p>Payment: US Coast Guard Financial Center TSA Commercial Invoices P.O. Box 4111 Chesapeake VA 23327-4111</p> <p>Accounting Info: 5AV112A000D2011SWE020TR1001250059005900TT-59070000 00000000-2521-TSA DIRECT-DEF. TASK-D FCB: Destination Period of Performance: 02/01/2011 to 01/31/2012</p> <p>Change Item 00018 to read as follows (amount shown is the total amount):</p> <p>00018 CLIN 0018 - T&amp;M - Task E - Image Simulator Support: Configuration Management/Emerging Technologies Support</p> <p>Add Item 00019SUB4 as follows:</p> <p>00019SUB4 Additional funding for CLIN 00019 from different line of accounting. This funding was moved from CLIN 0018 to fund the AIT Training Kits (Attachment P).</p>	1	CB	(b)(4)	
		1	CB	(b)(4)	

The purpose of this modification is to:

1. Add supplemental work to this Task Order for AIT Training Kits which is within the scope, as stated within Attachment P – HSTS01-11-J-OOP015 (TO12) – AIT Training Kits. This is additional work under Section C, Paragraph 9.2, which is hereby modified to include the following:

9.2.1.16. AIT Training Kit (Attachment P)

9.2.2 The contractor shall provide maintenance on training kits and materials.

Kits requiring maintenance	Count**
MBS II	(b)(4)
MBS IIA	
IED Baseline Training Kit A	
Weapons Training Kit	
Liquid Explosives Training Kit	
TSWG Explosives Training Kit	
IED Component Display Board	
TQC	
E_WTMD Test Pieces:	
DA	
BR	
NAA	
PSE	
BLS	
PSE Kit Wheelchairs	
AIT Training Kits	
**As of November 4, 2010	

2. Moves unexpended funding in the amount of (b)(4) from CLIN 0018 (T&M) to fund CLIN 0019 for labor to support the AIT Training King supplemental work as stated in Attachment P. Funding for CLIN 0019 is increased from (b)(4) by (b)(4) to (b)(4). Funding for CLIN 0018 is decreased from (b)(4) by (b)(4) to (b)(4).

3. Increases the acceptable not-to-exceed amount of CLIN 0002 ODCs by \$299,229.50. This is to support the increase in estimated ODCs based on the supplemental work as stated in Attachment P. No funding is being added to CLIN 0002 at this time and therefore CLIN 0002 funding remains in the amount of (b)(4) and the approved not-to-exceed amount for CLIN 0002 is increased from \$10,194,544.47 by \$299,229.50 to \$10,493,773.97. Per the task order terms and conditions, CLIN 0002 and CLIN 0003 are partially funded and additional funds will be added as needed up to the established not to exceed amount. The ODCs and travel proposed for these CLINs have been evaluated and accepted by the Government.

4. Update Section B.1 as follows:

### B.1 Contract Line Items, Descriptions

**Period of Performance:** February 1, 2011 – January 31, 2012, unless otherwise stated within the specific CLIN.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	FFP - Task A – Global Requirements for All Tasks within the Statement of Work (SOW): Project Management Quality Assurance GFE/GFI/GFP Management Security Requirements Tier 1 and 2 Help Desk and Field Support Tier 3 and 4 Help Desk Support Threat and Image Support SME Support POP: February 1, 2011 – June 30, 2011	1	Job	(b)(4)	
0001A	FFP - Task A – Global Requirements for All Tasks within the Statement of Work (SOW): Project Management Quality Assurance GFE/GFI/GFP Management Security Requirements Tier 1 and 2 Help Desk and Field Support Tier 3 and 4 Help Desk Support Threat and Image Support SME Support POP: July 1, 2011 – January 31, 2012			(b)(4)	
0002	ODC Reimbursable – NTE Other Direct Costs (ODCs)	1	Lot	(b)(4)	
0003	ODC Reimbursable – NTE Travel	1	Lot	(b)(4)	
0004	ODC Reimbursable - Task A: Threat Mitigation Laboratory (TML) – Facility Maintenance	1	Lot	(b)(4)	

0005	T&M –Task A - Rapid Response	1	Lot	(b)(4)
0005A	OPTIONAL - T&M –Task A - Rapid Response			(b)(4)
0006	FFP –Task B - Threat Image Projection (TIP) Program: <ul style="list-style-type: none"> <li>• TIP Imaging Support</li> <li>• TIP Library Management and Distribution</li> <li>• TIP Data Analysis, Reporting, and Operational Support</li> </ul>	1	Job	(b)(4)
0007	Reserved			
0008	Reserved			
0009	T&M – Task B - Threat Image Projection (TIP) Program: Special Project Reports	1	Lot	(b)(4)
0010	FFP - Task C – Image Development: <ul style="list-style-type: none"> <li>• TRX &amp; AT Image Requirements,</li> <li>• AIT Training Image Requirements</li> <li>• Auto-EDS Training Image Requirements</li> <li>• OQT Image Capture</li> <li>• Auto-EDS Assessment Software/Hardware Requirements – OEM Simulator</li> <li>• Auto-EDS Technical Support Requirements</li> <li>• Auto-EDS 2012 Test Distribution Requirements</li> </ul>	1	Job	(b)(4)
0011	T&M – Task C – Image Development: Ad-hoc Image Development	1	Lot	(b)(4)
0011A	T&M – Task C – Image Development: Ad-hoc Image Development	1	Lot	(b)(4)
0012	OPTIONAL CLIN – FFP – Task C – Image Development: Option A - AIT Assessment Image Requirements	1	Job	(b)(4)



0013	OPTIONAL CLIN – FFP - Task C – Image Development: Option B - IIT/IMT/IMA Image Capture	1	Job	(b)(4)
0014	OPTIONAL CLIN – FFP - Task C – Image Development: Option C - Auto-EDS Assessment Image Pilot Requirements Analogic COBRA	1	Job	(b)(4)
0015	OPTIONAL CLIN – FFP - Task C – Image Development: Option D - Auto-EDS Assessment Image Requirements	1	Job	(b)(4)
0016	FFP – Task D – Image Library: <ul style="list-style-type: none"> <li>• TRX Simulator Library Management</li> <li>• AIT Simulator Library Management</li> <li>• Auto-EDS Simulator Library Management</li> </ul>	1	Job	(b)(4)
0017	FFP - Task E - Image Simulator Support: <ul style="list-style-type: none"> <li>• TRX Simulator Family</li> <li>• Change Management</li> <li>• Requirements Recommendations/Development Training Laptop Configuration Management</li> <li>• Software Upgrades</li> <li>• Software Testing</li> <li>• Configuration Management/Emerging Technologies Support</li> </ul> POP – February 1, 2011 – July 31, 2011	1	Job	(b)(4)
0017A	FFP - Task E - Image Simulator Support: <ul style="list-style-type: none"> <li>• TRX Simulator Family</li> <li>• Change Management</li> <li>• Requirements Recommendations/Development Training Laptop Configuration Management</li> <li>• Software Upgrades</li> <li>• Software Testing</li> <li>• Configuration</li> </ul>	1	Job	(b)(4)

	Management/Emerging Technologies Support POP – August 1, 2011 – January 31, 2012				
0018	T&M - Task E - Image Simulator Support: • Configuration Management/Emerging Technologies Support	1	Job	(b)(4)	
0018A	OPTIONAL - T&M - Task E - Image Simulator Support: Configuration Management/Emerging Technologies Support	1	Job	(b)(4)	
0019	FFP – Task F – Threat Kit Program: • Threat Kit Program Support • IED Accessory Kit Program	1	Job	(b)(4)	
0020	OPTIONAL CLIN – FFP - Task F – Threat Kit Program: Option A - Upgrade TQC	1	Job	(b)(4)	
0021	FFP - Task F – Threat Kit Program: Option B - Upgrade MBS2A with addition of one (b)(3)49 U.S.C. § 114(r)	1	Job	(b)(4)	
(b)(3)49 U.S.C. § 114(r) 0022	FFP - Task F – Threat Kit Program: Option C - Upgrade Weapons Kit with the addition of two (b)(3)49 U.S.C. § 114(r)	1	Job	(b)(4)	
(b)(3)49 U.S.C. § 114(r) 0023	FFP - Task F – Threat Kit Program: Option D - WTMD Calibration Test Kits	1	Job	(b)(4)	
0024	CLIN – FFP - Task F – Threat Kit Program: Option E - Replacement Duffle Bags for PSE Kits	1	Job	(b)(4)	
0025	T&M - Task F – Threat Kit Program: Threat Prototyping	1	Lot	(b)(4)	
0025A	OPTIONAL - T&M - Task F – Threat Kit Program: Threat Prototyping	1	Lot	(b)(4)	

\*Labor rates applied to these CLINs shall be based on Attachment 20 of the IDIQ contract.

\*\*The Government reserves the right to exercise Optional CLIN 0005A, 0011A, 0012, 0013, 0014, 0015, 0018A, 0020, 0021, 0022, 0024, and 0025A at any time during the performance of this Task Order. Optional CLINs with a stated period of performance will be exercised prior to the stated effective date as necessary.

\*\*\*CLIN 0002 and CLIN 0003 are partially funded and additional funds will be added as needed up to the established not to exceed amount. The ODCs and travel proposed for these CLINs have been evaluated and accepted by the Government.

### **Advanced Imaging Technology (AIT) Training Kit**

**Purpose:** This kit is designed for TSO training for IED and IED component detection and resolution training at the checkpoint using the AIT machines.

**Description:** The kit contains multiple inert IED components that by themselves or fully assembled can be used for IED and IED component detection and resolution training for passenger screening at the checkpoint. This training is designed for AIT technology and will be conducted in accordance with Standard Operating Procedures (SOP's).

(b)(3);49 U.S.C. § 114(r)

HSTS01-09-D-OSO900

HSTS01-11-J-OOP015

Attachment P

08/21/2011

(b)(3):49 U.S.C. § 114(r)

## AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE OF PAGES

1 11

2. AMENDMENT/MODIFICATION NO.

P00009

3. EFFECTIVE DATE

See Block 16C

4. REQUISITION/PURCHASE REQ NO.

OTT002/HRM003/CT2004

5. PROJECT NO. (If applicable)

6. ISSUED BY

CODE

20

7. ADMINISTERED BY (If other than Item 6)

CODE

01

Office of Acquisition  
701 S 12TH STREET  
ARLINGTON VA 20598

Human Capital & Finance  
701 S 12TH STREET  
ARLINGTON VA 20598

8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State and ZIP Code)

Lockheed Martin Services Incorporated  
Attn: (b)(6)  
700 N Frederick Ave  
Gaithersburg MD 208783328

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

x 10A. MODIFICATION OF CONTRACT/ORDER NO.

HSTS01-09-D-OSO900

HSTS01-11-C-COP015

10B. DATED (SEE ITEM 13)

01/31/2011

CODE 805258373

FACILITY CODE

## 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- ☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.  
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Net Increase:

\$1,285,000.00

See Schedule

## 13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

FAR 52.212-4 paragraph (c) (Oct 2003) &amp; FAR 52.217-9 (Mar 2000)

D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

Tax ID Number: 52-1813509

DUNS Number: 805258373

PRs used on this modification: 2112202OTT002, 2112202HRM003, 2112202CT2004

The purpose of this modification is to:

1. Add funding in the amount of (b)(4) to CLIN 0002 for ODCs to support Task Order 12 & Task F, Wheelchairs, and to fund ODCs that were previously evaluated and accepted.

2. Add funding in the amount of \$270,000.00 to CLIN 0003 to fund travel that was previously evaluated and accepted.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

(b)(6)

Senior Contracts Negotiator

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Marvin Tribos

15B. CONTRACTING OFFICER

(b)(6)

Digitally signed by (b)(6), DN: cn=(b)(6), o=Lockheed Martin, ou=Lockheed Martin, email=(b)(6), c=US

15C. DATE SIGNED

11/3/2011

16B. UNITED STATES OF AMERICA

(Signature of Contracting Officer)

16C. DATE SIGNED

11/3/2011

NSN 7540 01 162 8070

Previous edition unusable

Working Copy

STANDARD FORM 30 (REV 10-83)

Prescribed by GSA

FAR (48 CFR) 53.243

## CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

HSTSC1-G9-D-OSC900/HSTSC1-11-J-OOP015/PC0009

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NAME OF OFFEROR OR CONTRACTOR

Lockheed Martin Services Incorporated

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>3. Exercise CLIN 0005A - T&amp;M - Task A - Rapid Response and increase the CLIN NTE amount to (b)(4)</p> <p>4. Increase the CLIN NTE amount of CLIN 0011A to (b)(4) and add funding in the amount of (b)(4) to CLIN 0011A T&amp;M - Task C - Image Development: Ad-hoc Image Development.</p> <p>5. Accept Lockheed Martin proposal submitted on 10/25/2011, and add funding in the amount of (b)(4) to CLIN 0019 for labor to support PSE Kit Wheelchairs per RFP #4.</p> <p>6. Exercise CLIN 0025A - T&amp;M - Task F - Threat Kit Program: Threat Prototyping in the amount of (b)(4)</p> <p>7. Modify the deliverable dates of paragraph 9.6 Task F - Threat Kit Program - Deliverable 6. The due date is hereby changed from 10/31/2011 to 01/25/2012 with no additional charge to the Government.</p> <p>8. Update Section 3.1.</p> <p>Overall, funding in the amount of \$1,285,000.00 is being added to this task order. Therefore, funding is increased from \$27,075,533.47 by \$1,285,000.00 to \$28,360,533.47. All other terms and conditions remain unchanged.</p> <p>Discount Terms: Net 30</p> <p>Payment: US Coast Guard Financial Center TSA Commercial Invoices P.O. Box 4111 Chesapeake VA 23327-4111 Period of Performance: 02/01/2011 to 01/31/2012</p> <p>Add Item 00002SUB8 as follows:</p> <p>00002SUB8 Additional funding for CLIN 0002 from different line of accounting. This funding is for ODCs and ODCs for PSE Wheelchair Kits under Task Order 12 &amp; Task F, Wheelchairs.</p> <p>Accounting Info: Continued ...</p>	1	CB		(b)(4)

## CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

HSTSC1-G9-D-OSC900/HSTSC1-11-J-OOP015/PC0009

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NAME OF OFFEROR OR CONTRACTOR

Lockheed Martin Services Incorporated

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	5AV123AC00D2012SWE02CTR100325005900590OTT-59070005 05000000-2521-TSA DIRECT-DEF. TASK-D Funded: (b)(4)  Add Item 00002SUB7 as follows:  00002SUB7 Additional funding for CLIN 0002 from different line of accounting. This funding is for ODCs.  Accounting Info: 5AV112AC00D2012SWE02CTR101125006300630HRM-63150004 00000000-2510-TSA DIRECT-DEF. TASK-D Funded: (b)(4) FCB: Unknown  Add Item 00003SUB4 as follows:  00003SUB4 Additional funding for CLIN 0003 from different line of accounting. Funding for ODCs to fund travel.  Accounting Info: 5AV112AC00D2012SWE02CTR101325005900590OTT-59070000 00000000-2521-TSA DIRECT-DEF. TASK-D Funded: \$0.00 Accounting Info: 5AV123AC00D2012SWE02CTR100325005900590OTT-59070005 05000000-2521-TSA DIRECT-DEF. TASK-D Funded: \$150,000.00  Add Item 00003SUB5 as follows:  00003SUB5 Additional funding for CLIN 0003 from different line of accounting. Funding for ODCs to fund travel.  Accounting Info: 5AV112AC00D2012SWE03CGEC00423006200622CTO-62020000 00000000-251B-TSA DIRECT-DEF. TASK-D Funded: \$120,000.00  Change Item 00005A to read as follows (amount shown is the total amount): Continued ...	1	CB	(b)(4)	
		1	CB	150,000.00	150,000.00
		1	CB	120,000.00	120,000.00



## CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

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11

NAME OF OFFEROR OR CONTRACTOR

Lockheed Martin Services Incorporated

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00005A	CLIN 0005A - T&M - Task A - Rapid Response  Accounting Info: 5AV123AC00D2012SWE02CTR100325005900590OTT-59070005 05000000-2521-TSA DIRECT-DEF. TASK-D Funded: (b)(4) FCB: Unknown  Add Item 00011ASUB1 as follows:	1	CB	(b)(4)	
00011ASUB1	Additional funding for CLIN 0011A from different line of accounting.  Accounting Info: 5AV112AC00D2011SWE02CTR101325005900590OTT-59070000 00000000-2521-TSA DIRECT-DEF. TASK-D Funded: \$0.00 Accounting Info: 5AV123AC00D2012SWE02CTR100325005900590OTT-59070005 05000000-2521-TSA DIRECT-DEF. TASK-D Funded: (b)(4)  Add Item 00019SUB5 as follows:	1	CB	(b)(4)	
00019SUB5	Additional funding for CLIN 00019 from different line of accounting. Funding for labor to support PSE Kit Wheelchairs as stated in Task Order 12 & Task F, Wheelchairs.  Accounting Info: 5AV112AC00D2011SWE02CTR100125005900590OTT-59070000 00000000-2521-TSA DIRECT-DEF. TASK-D Funded: \$0.00 Accounting Info: 5AV123AC00D2012SWE02CTR100325005900590OTT-59070005 05000000-2521-TSA DIRECT-DEF. TASK-D Funded: (b)(4)  Change Item 00025A to read as follows (amount shown is the total amount):	1	CB	(b)(4)	
00025A	CLIN 0025A - T&M - Task F - Threat Kit Program: Continued ...	1	CB	(b)(4)	

## CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

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11

NAME OF OFFEROR OR CONTRACTOR

Lockheed Martin Services Incorporated

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Threat Prototyping in the amount of \$40,000.00.  Accounting Info: 5AV123AG00D2012SWE02CTR1003250059005900TT-59070003 05000000-2521-TSA DIRECT-DEF. TASK-D Funded: (b)(4)  Add Item 00025B as follows:  00025B OPTIONAL - CLIN 0025B - T&M - Task F - Threat Kit Program: Threat Prototyping Amount: (b)(4) Option Line Item) PCB: Destination	1	CB	(b)(4)	0.00

The purpose of this modification is to:

1. Add (b)(4) additional PSE Kit Wheelchairs under Section C, Paragraph 9.2, which is hereby modified to include the following:

9.2.2 The contractor shall provide maintenance on training kits and materials.

Kits requiring maintenance	Count**
MBS II	(b)(4)
MBS IIA	
IED Baseline Training Kit A	
Weapons Training Kit	
Liquid Explosives Training Kit	
TSWG Explosives Training Kit	
IED Component Display Board	
TQC	
E_WTMD Test Pieces:	
DA	
BR	
NAA	
PSE	
BLS	
PSE Kit Wheelchairs	

\*\*As of November 4, 2010

2. Add funding in the amount of (b)(4) to CLIN 0019 for labor to support the (b)(4) additional PSE Kit Wheelchairs. Funding for CLIN 0019 is increased from (b)(4) by (b)(4) to (b)(4).
3. Add funding in the amount of (b)(4) to CLIN 0002 for ODCs to support the (b)(4) additional PSE Kit Wheelchairs. Funding for CLIN 0002 is increased from (b)(4) by (b)(4) to \$5,129,487.92.
4. Add funding in the amount of (b)(4) to CLIN 0002 to fund ODCs that were previously evaluated and accepted. Funding for CLIN 0002 is increased from (b)(4) by (b)(4) to \$5,937,075.74.
5. Add funding in the amount of \$270,000.00 to CLIN 0003 for ODCs to fund travel that was previously evaluated and accepted. Funding for CLIN 0003 is increased from \$764,729.60 by \$270,000.00 to \$1,034,729.60.
6. Increase the CLIN NTE amount of CLIN 0005A from (b)(4) by (b)(4) to (b)(4). Exercise CLIN 005A – T&M – Task A – Rapid Response in the amount of (b)(4).
7. Increase the CLIN NTE amount of CLIN 0011A from (b)(4) by (b)(4) to (b)(4) and add funding in the amount of (b)(4) to CLIN 0011 T&M – Task C – Image Development: Ad-

11/03/2011

Modification P00009

hoc Image Development. Funding for CLIN 0011A is increased from (b)(4) by (b)(4) to (b)(4)

8. Exercise CLIN 0025 T&M – Task F – Threat Kit Program: Threat Prototyping in the amount of (b)(4) and create OPTIONAL CLIN 0025B – Task F – Threat Kit Program: Threat Prototyping in the amount of (b)(4)

9. Modify the deliverable dates of paragraph 9.6 Task F – Threat Kit Program – Deliverable 6. The due date is hereby changed from 10/31/2011 to 01/25/2012. Deliverable 6 is hereby changed to the following:

Deliverable #	Deliverable Title	Due Date	Recipient	Government Review
6	Option B: (b)(3);49 U.S.C. § 114(r) Begin Field Distribution (CLIN 0021 FFP)	01/25/2012	Airport POC for IED and Weapons Training Kits	2 business days after acceptance at Airport

8. Update Section B.1 as follows:

#### **B.1 Contract Line Items, Descriptions**

**Period of Performance:** February 1, 2011 – January 31, 2012, unless otherwise stated within the specific CLIN.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	FFP - Task A – Global Requirements for All Tasks within the Statement of Work (SOW); Project Management Quality Assurance GFE/GFI/GFP Management Security Requirements Tier 1 and 2 Help Desk and Field Support Tier 3 and 4 Help Desk Support Threat and Image Support SME Support POP: February 1, 2011 – June 30, 2011.	1.	Job	(b)(4)	
0001A	FFP - Task A – Global Requirements for All Tasks within the Statement of Work (SOW);			(b)(4)	

	Project Management Quality Assurance GFE/GFI/GFP Management Security Requirements Tier 1 and 2 Help Desk and Field Support Tier 3 and 4 Help Desk Support Threat and Image Support SME Support POP: July 1, 2011 – January 31, 2012				
0002	ODC Reimbursable – NTE Other Direct Costs (ODCs)	1	Lot	\$5,937,075.74	NTE \$5,937,075.74
0003	ODC Reimbursable – NTE Travel	1	Lot	\$1,034,729.60	NTE \$1,034,729.60
0004	ODC Reimbursable - Task A: Threat Mitigation Laboratory (TML) – Facility Maintenance	1	Lot	\$738,968.04	NTE \$738,968.04
0005	T&M –Task A - Rapid Response	1	Lot	(b)(4)	
0005A	T&M –Task A - Rapid Response	1	Lot	(b)(4)	
0006	FFP –Task B - Threat Image Projection (TIP) Program: <ul style="list-style-type: none"> <li>TIP Imaging Support</li> <li>TIP Library Management and Distribution</li> <li>TIP Data Analysis, Reporting, and Operational Support</li> </ul>	1	Job	(b)(4)	
0007	Reserved				
0008	Reserved				
0009	T&M – Task B - Threat Image Projection (TIP) Program: Special Project Reports	1	Lot	(b)(4)	
0010	FFP - Task C – Image Development: <ul style="list-style-type: none"> <li>TRX &amp; AT Image Requirements,</li> <li>AIT Training Image Requirements</li> </ul>	1	Job	(b)(4)	

	<ul style="list-style-type: none"> <li>Auto-EDS Training Image Requirements</li> <li>OQT Image Capture</li> <li>Auto-EDS Assessment Software/Hardware Requirements – OEM Simulator</li> <li>Auto-EDS Technical Support Requirements</li> <li>Auto-EDS 2012 Test Distribution Requirements</li> </ul>				
0011	T&M – Task C – Image Development: Ad-hoc Image Development	1	Lot	(b)(4)	
0011A	T&M – Task C – Image Development: Ad-hoc Image Development	1	Lot	(b)(4)	
0011ASUB1	T&M – Task C – Image Development: Ad-hoc Image Development	1	Lot	(b)(4)	
0012	OPTIONAL CLIN – FFP – Task C – Image Development: Option A - AIT Assessment Image Requirements	1	Job	(b)(4)	
0013	OPTIONAL CLIN – FFP - Task C – Image Development: Option B - IIT/IMT/IMA Image Capture	1	Job	(b)(4)	
0014	OPTIONAL CLIN – FFP - Task C – Image Development: Option C - Auto-EDS Assessment Image Pilot Requirements Analogic COBRA	1	Job	(b)(4)	
0015	OPTIONAL CLIN – FFP - Task C – Image Development: Option D - Auto-EDS Assessment Image Requirements	1	Job	(b)(4)	
0016	FFP – Task D – Image Library: <ul style="list-style-type: none"> <li>TRX Simulator Library Management</li> </ul>	1	Job	(b)(4)	

	<ul style="list-style-type: none"> <li>• AIT Simulator Library Management</li> <li>• Auto-EDS Simulator Library Management</li> </ul>				
0017	FFP - Task E - Image Simulator Support: <ul style="list-style-type: none"> <li>• TRX Simulator Family</li> <li>• Change Management</li> <li>• Requirements Recommendations/Development Training</li> <li>• Laptop Configuration Management</li> <li>• Software Upgrades</li> <li>• Software Testing</li> <li>• Configuration Management/Emerging Technologies Support</li> </ul> POP – February 1, 2011 – July 31, 2011	1	Job	(b)(4)	
0017A	FFP - Task E - Image Simulator Support: <ul style="list-style-type: none"> <li>• TRX Simulator Family</li> <li>• Change Management</li> <li>• Requirements Recommendations/Development Training</li> <li>• Laptop Configuration Management</li> <li>• Software Upgrades</li> <li>• Software Testing</li> </ul> Configuration Management/Emerging Technologies Support POP – August 1, 2011 – January 31, 2012	1	Job	(b)(4)	
0018	T&M - Task E - Image Simulator Support: <ul style="list-style-type: none"> <li>• Configuration Management/Emerging Technologies Support</li> </ul>	1	Job	(b)(4)	
0018A	OPTIONAL - T&M - Task E - Image Simulator Support: <ul style="list-style-type: none"> <li>• Configuration Management/Emerging Technologies Support</li> </ul>	1	Job	(b)(4)	

(b)(3):49 U.S.C.  
§ 114(r)

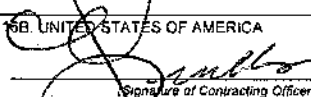
0019	FFP – Task F – Threat Kit Program: • Threat Kit Program Support • IED Accessory Kit Program	1	Job	(b)(4)
0020	OPTIONAL CLIN – FFP - Task F – Threat Kit Program: Option A - Upgrade TQC	1	Job	(b)(4)
0021	FFP - Task F – Threat Kit Program: Option B - Upgrade MBS2A with addition of one (b)(3):49 U.S.C. § 114(r)	1	Job	(b)(4)
0022	FFP - Task F – Threat Kit Program: Option C - Upgrade Weapons Kit with the addition of two (b)(3):49 U.S.C. § 114(r)	1	Job	(b)(4)
0023	FFP - Task F – Threat Kit Program: Option D - WTMD Calibration Test Kits	1	Job	(b)(4)
0024	CLIN – FFP - Task F – Threat Kit Program: Option E - Replacement Duffle Bags for PSE Kits	1	Job	(b)(4)
0025	T&M – Task F – Threat Kit Program: Threat Prototyping	1	Lot	(b)(4)
0025A	T&M - Task F – Threat Kit Program: Threat Prototyping	1	Lot	(b)(4)
0025B	OPTIONAL - T&M - Task F – Threat Kit Program: Threat Prototyping	1	Lot	(b)(4)

\*Labor rates applied to these CLINs shall be based on Attachment 20 of the IDIQ contract.

\*\*The Government reserves the right to exercise Optional CLIN 0005A, 0011A, 0012, 0013, 0014, 0015, 0018A, 0020, 0021, 0022, 0024, 0025A, and 0025B at any time during the performance of this Task Order. Optional CLINs with a stated period of performance will be exercised prior to the stated effective date as necessary.



\*\*\*CLIN 0002 and CLIN 0003 are partially funded and additional funds will be added as needed up to the established not to exceed amount. The ODCs and travel proposed for these CLINs have been evaluated and accepted by the Government.

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE		PAGE OF PAGES 1 7									
2. AMENDMENT/MODIFICATION NO. P00010		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. 21122020TT005									
6. ISSUED BY Office of Acquisition 701 S 12TH STREET ARLINGTON VA 20598		CODE 20		5. PROJECT NO. (If applicable) 7. ADMINISTERED BY (if other than Item 6) Human Capital & Finance 701 S 12TH STREET ARLINGTON VA 20598									
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Lockheed Martin Services Incorporated Attn: (b)(6) 700 N Frederick Ave Gaithersburg MD 208793328		(X) 9A. AMENDMENT OF SOLICITATION NO.		9B. DATED (SEE ITEM 11)									
CODE 805258373		FACILITY CODE		10A. MODIFICATION OF CONTRACT/ORDER NO. HSTS01-09-D-OSO900 HSTS01-11-J-OOP015									
				10B. DATED (SEE ITEM 13) 01/31/2011									
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS													
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.													
12. ACCOUNTING AND APPROPRIATION DATA (If required) See Schedule													
Net Increase: \$352,481.22													
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.													
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%;">CHECK ONE</td> <td>A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.</td> </tr> <tr> <td style="text-align: center;">X</td> <td>B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).</td> </tr> <tr> <td></td> <td>C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:</td> </tr> <tr> <td></td> <td>D. OTHER (Specify type of modification and authority)</td> </tr> </table>						CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.	X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).		C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:		D. OTHER (Specify type of modification and authority)
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.												
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).												
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:												
	D. OTHER (Specify type of modification and authority)												
E. IMPORTANT: Contractor <input type="checkbox"/> is not. <input checked="" type="checkbox"/> is required to sign this document and return 1 copies to the issuing office.													
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)													
Tax ID Number: 52-1813509													
DUNS Number: 805258373													
The purpose of this modification is to:													
1. Add funding in the amount of \$305,068.22 to CLIN 0002 for ODCs that were previously evaluated and accepted. This funding is anticipated to last through 01/31/12. Funding for CLIN 0002 is hereby increased from \$5,937,075.74 by \$305,068.22 to \$6,242,143.96.													
2. Add funding in the amount of \$47,413.00 to CLIN 0003 to fund travel that was previously evaluated and accepted. This funding is anticipated to last through 01/31/12. Funding for CLIN 0003 is hereby increased from \$1,034,729.60 by \$47,413.00 to \$1,082,142.60.													
Continued ...													
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.													
15A. NAME AND TITLE OF SIGNER (Type or print) (b)(6) Senior Contracts Negotiator			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Marvin Grubbs										
15B. CONTRACTOR/OFFEROR (b)(6)		15C. DATE SIGNED 12/15/2011		16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)									
				16C. DATE SIGNED 12/15/2011									

<b>CONTINUATION SHEET</b>	REFERENCE NO. OF DOCUMENT BEING CONTINUED HSTSC1-C9-D-OSC900/HSTSC1-11-J-OOP015/PC0010	PAGE	OF
		2	7

NAME OF OFFEROR OR CONTRACTOR

Lockheed Martin Services Incorporated

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>3. Update Section B.1 to reflect corrections to modification P00009.</p> <p>Overall, funding in the amount of \$352,481.22 is being added to this task order. Therefore, funding is increased from \$28,360,553.47 by \$352,481.22 to \$28,713,034.69. The total contract amount (including all options) is increased from \$30,832,420.44 by \$352,481.22 to \$31,184,901.66. All other terms and conditions remain unchanged.</p> <p>Discount Terms: Net 30</p> <p>Payment: JS Coast Guard Financial Center TSA Commercial Invoices P.O. Box 4111 Chesapeake VA 23327-4111</p> <p>FCB: Destination Period of Performance: 02/01/2011 to 01/31/2012</p> <p>Add Item 00002SUB9 as follows:</p> <p>00002SUB9 Additional funding for CLIN 0002 from different line of accounting. This funding is for ODCs that have already been evaluated and accepted.</p> <p>Accounting Info: 5AV112A000D2012SWE020GEC000025005900590BMO-59070005 05000000-2521-TSA DIRECT-DEF. TASK-D Funded: \$305,068.22</p> <p>Add Item 00003SUB6 as follows:</p> <p>00003SUB6 Additional funding for CLIN 0003 from different line of accounting. This funding is for travel that has already been evaluated and accepted.</p> <p>Accounting Info: 5AV123A000D2012SWE020GEC000025005900590PSF-59070000 00000000-2521-TSA DIRECT-DEF. TASK-D Funded: \$47,413.00</p>				
		1	JB	305,068.22	305,068.22
		1	JB	47,413.00	47,413.00

The purpose of this modification is to:

1. Add funding in the amount of \$305,068.22 to CLIN 0002 for ODCs that were previously evaluated and accepted. Funding for CLIN 0002 is hereby increased from \$5,937,075.74 by \$305,068.22 to \$6,242,143.96.
2. Add funding in the amount of \$47,413.00 to CLIN 0003 to fund travel that was previously evaluated and accepted. Funding for CLIN 0003 is hereby increased from \$1,034,729.60 by \$47,413.00 to \$1,082,142.60.
3. Update Section B.1 to reflect actions from this modification and corrections to incorrect amounts stated within modification P00009. Specifically the following was corrected within Schedule B:
  - a. CLIN 0011ASUB1 was removed from Schedule B, as the amount was already included within CLIN 0011A.
  - b. CLIN 0018 was corrected to reflect the amount reduced to within Mod P00008.

### B.1 Contract Line Items, Descriptions

**Period of Performance:** February 1, 2011 – January 31, 2012, unless otherwise stated within the specific CLIN.

ITEM NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001.	FFP - Task A – Global Requirements for All Tasks within the Statement of Work (SOW): Project Management Quality Assurance GFE/GFI/GFP Management Security Requirements Tier 1 and 2 Help Desk and Field Support Tier 3 and 4 Help Desk Support Threat and Image Support SME Support POP: February 1, 2011 – June 30, 2011	1	Job	(b)(4)	
0001A	FFP - Task A – Global Requirements for All Tasks within the Statement of Work (SOW): Project Management Quality Assurance GFE/GFI/GFP Management Security Requirements Tier 1 and 2 Help Desk and Field Support			(b)(4)	

	Tier 3 and 4 Help Desk Support Threat and Image Support SME Support POP: July 1, 2011 – January 31, 2012				
0002	ODC Reimbursable – NTE Other Direct Costs (ODCs)	1	Lot	\$6,242,143.96	NTE \$6,242,143.96
0003	ODC Reimbursable – NTE Travel	1	Lot	\$1,082,142.60	NTE \$1,082,142.60
0004	ODC Reimbursable - Task A: Threat Mitigation Laboratory (TML) – Facility Maintenance	1	Lot	\$738,968.04	NTE \$738,968.04
0005	T&M –Task A - Rapid Response	1	Lot	(b)(4)	
0005A	T&M –Task A - Rapid Response	1	Lot	(b)(4)	
0006	FFP –Task B - Threat Image Projection (TIP) Program: <ul style="list-style-type: none"> <li>• TIP Imaging Support</li> <li>• TIP Library Management and Distribution</li> <li>• TIP Data Analysis, Reporting, and Operational Support</li> </ul>	1	Job	(b)(4)	
0007	Reserved				
0008	Reserved				
0009	T&M – Task B - Threat Image Projection (TIP) Program: Special Project Reports	1	Lot	(b)(4)	
0010	FFP - Task C – Image Development: <ul style="list-style-type: none"> <li>• TRX &amp; AT Image Requirements,</li> <li>• AIT Training Image Requirements</li> <li>• Auto-EDS Training Image Requirements</li> <li>• OQT Image Capture</li> <li>• Auto-EDS Assessment Software/Hardware Requirements – OEM</li> </ul>	1	Job	(b)(4)	

	Simulator <ul style="list-style-type: none"> <li>• Auto-EDS Technical Support Requirements</li> <li>• Auto-EDS 2012 Test Distribution Requirements</li> </ul>				
0011	T&M – Task C – Image Development: Ad-hoc Image Development	1	Lot	(b)(4)	
0011A	T&M – Task C – Image Development: Ad-hoc Image Development	1	Lot	(b)(4)	
0012	OPTIONAL CLIN – FFP – Task C – Image Development: Option A - AIT Assessment Image Requirements	1	Job	(b)(4)	
0013	OPTIONAL CLIN – FFP - Task C – Image Development: Option B - IIT/IMT/IMA Image Capture	1	Job	(b)(4)	
0014	OPTIONAL CLIN – FFP - Task C – Image Development: Option C - Auto-EDS Assessment Image Pilot Requirements Analogic COBRA	1	Job	(b)(4)	
0015	OPTIONAL CLIN – FFP - Task C – Image Development: Option D - Auto-EDS Assessment Image Requirements	1	Job	(b)(4)	
0016	FFP – Task D – Image Library: <ul style="list-style-type: none"> <li>• TRX Simulator Library Management</li> <li>• AIT Simulator Library Management</li> <li>• Auto-EDS Simulator Library Management</li> </ul>	1	Job	(b)(4)	
0017	FFP - Task E - Image Simulator Support: <ul style="list-style-type: none"> <li>• TRX Simulator Family</li> <li>• Change Management</li> <li>• Requirements</li> </ul>	1	Job	(b)(4)	

	<p>Recommendations/Development Training Laptop Configuration Management</p> <ul style="list-style-type: none"> <li>• Software Upgrades</li> <li>• Software Testing</li> <li>• Configuration Management/Emerging Technologies Support</li> </ul> <p>POP – February 1, 2011 – July 31, 2011</p>				
0017A	<p>FFP - Task E - Image Simulator Support:</p> <ul style="list-style-type: none"> <li>• TRX Simulator Family</li> <li>• Change Management</li> <li>• Requirements</li> </ul> <p>Recommendations/Development Training Laptop Configuration Management</p> <ul style="list-style-type: none"> <li>• Software Upgrades</li> <li>• Software Testing</li> </ul> <p>Configuration Management/Emerging Technologies Support POP – August 1, 2011 – January 31, 2012</p>	1	Job	(b)(4)	
0018	<p>T&amp;M - Task E - Image Simulator Support:</p> <ul style="list-style-type: none"> <li>• Configuration Management/Emerging Technologies Support</li> </ul>	1	Job	(b)(4)	
0018A	<p>OPTIONAL - T&amp;M - Task E - Image Simulator Support:</p> <p>Configuration Management/Emerging Technologies Support</p>	1	Job	(b)(4)	
0019	<p>FFP – Task F – Threat Kit Program:</p> <ul style="list-style-type: none"> <li>• Threat Kit Program Support</li> <li>• IED Accessory Kit Program</li> </ul>	1	Job	(b)(4)	
0020	<p>OPTIONAL CLIN – FFP - Task F – Threat Kit</p>	1	Job	(b)(4)	

	Program: Option A - Upgrade TQC				
0021	FFP - Task F – Threat Kit Program: Option B - Upgrade MBS2A with addition of one (b)(3);49 U.S.C. § 114(r)	1	Job	(b)(4)	
0022	FFP - Task F – Threat Kit Program: Option C - Upgrade Weapons Kit with the addition of two (b)(3);49 U.S.C. § 114(r)	1	Job	(b)(4)	
0023	FFP - Task F – Threat Kit Program: Option D - WTMD Calibration Test Kits	1	Job	(b)(4)	
0024	CLIN – FFP - Task F – Threat Kit Program: Option E - Replacement Duffle Bags for PSE Kits	1	Job	(b)(4)	
0025	T&M – Task F – Threat Kit Program: Threat Prototyping	1	Lot	(b)(4)	
0025A	T&M - Task F – Threat Kit Program: Threat Prototyping	1	Lot	(b)(4)	
0025B	OPTIONAL - T&M - Task F – Threat Kit Program: Threat Prototyping	1	Lot	(b)(4)	

\*Labor rates applied to these CLINs shall be based on Attachment 20 of the IDIQ contract.

\*\*The Government reserves the right to exercise Optional CLIN 0005A, 0011A, 0012, 0013, 0014, 0015, 0018A, 0020, 0021, 0022, 0024, 0025A, and 0025B at any time during the performance of this Task Order. Optional CLINs with a stated period of performance will be exercised prior to the stated effective date as necessary.

\*\*\*CLIN 0002 and CLIN 0003 are partially funded and additional funds will be added as needed up to the established not to exceed amount. The ODCs and travel proposed for these CLINs have been evaluated and accepted by the Government.



<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1 3
2. AMENDMENT/MODIFICATION NO. P00011	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. 21122020TTC07	5. PROJECT NO. (if applicable)
6. ISSUED BY Office of Acquisition 701 S 12TH STREET ARLINGTON VA 20598	CODE 20	7. ADMINISTERED BY (if other than item 6) Human Capital & Finance 701 S 12TH STREET ARLINGTON VA 20598	CODE 01
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Lockheed Martin Services Incorporated Attn: (b)(6) 700 N Frederick Ave Gaithersburg MD 208793328		9A. AMENDMENT OF SOLICITATION NO. (x)	
CODE 805258373		9B. DATED (SEE ITEM 11)	
FACILITY CODE		10A. MODIFICATION OF CONTRACT/ORDER NO. HSTS01-09-D-OSC900 HSTS01-11-J-OOP015	
		10B. DATED (SEE ITEM 13) 01/31/2011	

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

- ☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
- Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted, or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)  
See Schedule  
Net Increase: \$264,016.99

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
x	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: FAR 52.212-4 paragraph (c) (Oct 2003)
	D. OTHER (Specify type of modification and authority)

**E. IMPORTANT:** Contractor: ☐ is not. ☒ is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

Tax ID Number: 52-1813509

DUNS Number: 805258373

The purpose of this modification is to execute the following:

1. Extend the period of performance of this task order through February 7, 2012. Therefore, the period of performance for this task order, and all applicable CLINs, is hereby changed to February 1, 2011 - February 7, 2012.

2. Add funding in the amount of (b)(4) to CLIN 0001A to fund an extension of the period of performance. Funding for CLIN 0001A is hereby increased from (b)(4) by (b)(4) to (b)(4).

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) (b)(6) Senior Contracts Negotiator		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Marvin Grubbs	
15B. CONTRACTOR/OFFEROR (b)(6) Digitally signed by Burden, Roosevelt DN: cn=Burden, o=Lockheed Martin, ou=Lockheed Martin, email=Burden.Roosevelt@lmco.com, c=US		16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)	
15C. DATE SIGNED 01/31/2012		16C. DATE SIGNED 1/31/2012	

## CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

HSTSC1-C9-D-OSC900/HSTSC1-11-J-OOP015/PC0011

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NAME OF OFFEROR OR CONTRACTOR

Lockheed Martin Services Incorporated

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>3. Add funding in the amount of (b)(4) to CLIN 0010 to fund an extension of the period of performance. Funding for CLIN 0010 is hereby increased from (b)(4) by (b)(4) to (b)(4)</p> <p>4. Add funding in the amount of (b)(4) to CLIN 0019 to fund an extension of the period of performance. Funding for CLIN 0019 is hereby increased from (b)(4) by (b)(4) to (b)(4)</p> <p>Overall, funding in the amount of \$264,016.99 is being added to this task order. Therefore, funding is increased from \$28,713,034.69 by \$264,016.99 to \$28,977,051.68. The total contract amount (including all options) is increased from \$31,184,901.66 by \$264,016.99 to \$31,448,918.65. All other terms and conditions remain unchanged.</p> <p>Discount Terms: Net 30</p> <p>Payment: JS Coast Guard Financial Center TSA Commercial Invoices P.O. Box 4111 Chesapeake VA 23327-4111</p> <p>Accounting Info: 5AV123AG00D2012SWE02CTR1003250059005900TT-59070003 05000000-2521-TSA DIRECT-DEF. TASK-D FCB: Destination Period of Performance: 02/01/2011 to 02/07/2012</p> <p>Add Item 00001ASUB2 as follows:</p> <p>00001ASUB2 Additional funding for CLIN 0001A due to extension of period of performance.</p> <p>Add Item 00010SUB1 as follows:</p> <p>00010SUB1 Additional funding for CLIN 0010 due to extension of period of performance</p> <p>Add Item 00019SUB6 as follows:</p> <p>Continued ...</p>				
		1	CB	(b)(4)	
		1	CB	(b)(4)	

